

Colorado Department of Public Health and Environment

OPERATING PERMIT

COLORADO SPRINGS UTILITIES

MARTIN DRAKE POWER PLANT

ISSUED: NOVEMBER 1, 2002

AIR POLLUTION CONTROL DIVISION COLORADO OPERATING PERMIT

FACILITY NAME: Martin Drake OPERATING PERMIT NUMBER

Power Plant

FACILITY ID: 0410004 **950PEP107**

ISSUE DATE: November 1, 2002 EXPIRATION DATE: October 31, 2007

MODIFICATIONS: See Appendix F of Permit

Issued in accordance with the provisions of Colorado Air Pollution Prevention and Control Act, 25-7-101 et seq. and applicable rules and regulations.

ISSUED TO: PLANT SITE LOCATION:

Colorado Springs Utilities 700 South Conejos Street

PO Box 1103, Mail Code 940 Colorado Springs, Colorado

Colorado Springs, CO 80947-0940 El Paso County

INFORMATION RELIED UPON

Operating Permit Application Received: December 20, 1995

And Additional Information Received: Feb 26 & Sep 9, 1996; site visit of Mar 20, 1997; May 1, 1997; Aug 25, 1998; Jun 18, Sep 9 & Dec 6, 1999; May 31 & Sept 30, 2002

Nature of Business: Electricity Generation

Primary SIC: 4911

RESPONSIBLE OFFICIAL FACILITY CONTACT PERSON

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Semi-Annual Monitoring Period: January 1 – June 30, July 1 – December 31

Semi-Annual Monitoring Report: August 1, 2004 & February 1, 2005 and subsequent years

Annual Compliance Period: January 1 to December 31

Annual Compliance Certification: February 1, 2005 and subsequent years

For Acid Rain Submittal Deadlines See Section V, Condition 4 of this Operating Permit

NOTE: The Semi-Annual Monitoring reports and the Annual Compliance report must be received at the Division office by 5:00 PM on the due date. Postmarked dates will not be accepted for the purposes of determining the timely receipt of those reports.

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SECTION I - General Activities and Summary

Note To Reader: Appendix E presents the acronyms and abbreviations used in preparing this permit.

1. Permitted Activities

1.1 This facility consists of three (3) steam driven turbine/generator units and the associated equipment needed for generating electricity. The units fire coal as the primary fuel and use natural gas for backup and startup. The facility also includes the various processes necessary to handle the coal and ash. The coal and flyash handling systems are provided with baghouses for air pollution emission control at appropriate point sources. In addition, the coal is treated with chemical additives to reduce fugitive emissions. The following table summarizes general information for the units generating electricity:

	Unit 5	Unit 6	Unit 7
Placed in Service	1962	1968	1974
Boiler Rating, MMBtu/Hr for coal	548	861	1336
Electrical Power Rating, Gross Megawatts	51	85	142
Subject to Title IV, Acid Rain Program	Yes	Yes	Yes
Air Pollution Control Equipment	Fabric Filter	Fabric Filter	Fabric Filter
Special Features	Low NOx burners	Low NOx burners	Low NOx burners
Monitoring Equipment	COM CEMs for SO ₂ , NOx, CO ₂ , and stack gas flow rate	COM CEMs for SO ₂ , NOx, CO ₂ , and stack gas flow rate	COM CEMs for SO ₂ , NOx, CO ₂ , and stack gas flow rate

1.2 The facility is located at 700 South Conejos Street in Colorado Springs. The area in which the plant operates is designated as attainment for all criteria pollutants. In past years the area was classified as non-attainment for carbon monoxide and total particulate emissions.

There are no affected states within 50 miles of the plant. There are no Federal Class I designated areas within 100 kilometers of the facility. Florissant Fossil Beds National Monument is a Federal Class II land area within 100 kilometers of the facility. Florissant Fossil Beds has been designated by the State to have the same sulfur dioxide increment as a Federal Class I area.

- 1.3 Until such time as this permit expires or is modified or revoked, CSU is allowed to discharge air pollutants from this facility in accordance with the requirements, limitations, and conditions of this permit.
- 1.4 This Operating Permit incorporates the applicable requirements contained in the underlying construction permits, and does not affect those applicable requirements, except as modified during review of the application or as modified subsequent to permit issuance using the modification

procedures found in Colorado Regulation No. 3, Part C. These Part C procedures meet all applicable substantive New Source review requirements of Part B. Any revisions made using the provisions of Colorado Regulation No. 3, Part C shall become new applicable requirements for purposes of this operating permit and shall survive reissuance. This permit incorporates the applicable requirements from the following permits:

C-10,381	Unit #5
P-10,402	Unit #7
84EP312 Mod 1	For Coal Handling Systems
92EP590	For Flyash Handling Systems
02EP0253	Temporary Coal Crushing System
02EP0336	Coal Crusher

1.5 All conditions in this permit are enforceable by US Environmental Protection Agency, Colorado Air Pollution Control Division (hereinafter Division) and its agents, and citizens unless otherwise specified. **State-only enforceable conditions are:**

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Section II - Condition 2.9 (Lead)
Section IV - Condition 13 (Odor)
Condition 17 (Ozone Depleting Compounds as noted)
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- 1.6 All information gathered pursuant to the requirements of this permit is subject to the Record keeping and Reporting requirements listed under Condition 21 of the General Conditions in Section IV of this permit, unless otherwise specified.
- 1.7 The boiler/generator sets at this plant are subject to the requirements of the Title IV (Acid Rain) provisions of the Clean Air Act

2. Alternative Operating Scenarios

CSU shall be allowed to make the following changes to its method of operation without applying for a revision of this permit.

2.1 Spent Boiler Tube Cleaning Waste Disposal

- 2.1.1 Disposal of the spent boiler tube cleaning materials may be accomplished by injection into one of the steam generating units that is not in a startup procedure during waste disposal.
- 2.1.2 Only steam generation Units #5, #6 or #7 shall be used for the cleaning waste disposal. The steam generating unit selected shall be at operating temperature and engaged in electrical generation for the complete time of the disposal operation.

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- 2.1.3 The maximum, minimum and average opacity values recorded by the continuous opacity monitor shall be recorded during the entire waste disposal process. The records shall be made available for Division review upon request.
- 2.1.4 Records of the following information shall be maintained and made available to the Division for inspection upon request:
 - 2.1.4.1 a description of the solid and liquid materials destroyed,
 - 2.1.4.2 an estimate of the total amounts of both the solid and liquid materials destroyed,
 - 2.1.4.3 the disposal start and completion dates,
 - 2.1.4.4 the estimated amount of time required for the disposal activity, and
 - 2.1.4.5 a copy of any opacity values exceeding the applicable standard recorded by the continuous opacity monitor (COM) during the disposal operation.

2.2 Coal Residue Salvage

2.2.1 Periodically, coal residue from the solar evaporation ponds is removed and returned to the stockpile for burning. This practice does not affect emissions from the boilers. No notification or reporting is required for this operation.

3. Accidental Release Prevention Program (112(r))

3.1 Based on information provided by the applicant, this facility is not subject to the provisions of the Accidental Release Prevention Program (Section 112(r) of the Federal Clean Air Act).

4. Prevention of Significant Deterioration

- 4.1 This source exists in an area designated as attainment for all criteria pollutants. The entire plant is classified as a major stationary source (potential to emit of any criteria pollutant > 100 tons per year as a listed source) for carbon monoxide, sulfur dioxide, nitrogen oxides, particulate matter and particulate matter smaller than ten (10) microns (PM₁₀) for the Prevention of Significant Deterioration/New Source Review (PSD/NSR) provisions (Colorado Regulation No. 3, Part B, Section IV.D.3). The existing plant is currently not a PSD-permitted facility. PSD/NSR requirements (as contained in 40 CFR Part 52 and Colorado Regulation No. 3, Part B) shall apply to any source modification, or contemporaneous modification of several sources, that results in a significant net emissions increase.
- 4.2 There are no other Operating Permits associated with this facility for purposes of determining applicability of Prevention of Significant Deterioration regulations.

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5. Compliance Assurance Monitoring (CAM) 40 CFR Part 64

- At this time, no emission points at this facility are subject to the provisions of the Compliance Assurance Monitoring (CAM) program as set forth in 40 CFR Part 64 as adopted by reference into Colorado Regulation No. 3, Section XIV. The application for this Operating Permit deemed administratively complete prior to April 20, 1998. Therefore, emission points at this source will be reviewed for CAM applicability only upon the submission of a significant modification request (and then only for the emission point being modified) or upon renewal of the Operating Permit after the five (5) year expiration date.
- 5.2 When the Title V permit is renewed a CAM plan will be required for the Riley Boiler (S005) fabric filter, Babcock & Wilcox boiler (S006) fabric filter, and the Babcock & Wilcox boiler (S007) boiler fabric filter.

6. Summary of Emission Units

6.1 The emissions units regulated by this permit are the following:

Emission Unit Number	AIRS Stack Number	Facility Identifier	Description	Size	Pollution Control Device	Existing Permit
B005	004	S005	Riley Pulverized Coal Front Fired Dry Bottom SN 3405, firing natural gas and coal	548 MMBtu/Hr w/ coal 514 MMBtu/Hr w/ NG	Marsulux baghouse	C-10,381
B006	005	S006	Babcock and Wilcox Pulverized Coal Front Fired Dry Bottom SN 10191, firing natural gas and coal	861 MMBtu/Hr w/ coal 850 MMBtu/Hr w/ NG	Buell baghouse	Grandfathered
B007	006	S007	Babcock and Wilcox Pulverized Coal Front Fired Dry Bottom SN 23463, firing natural gas and coal	1336 MMBtu/Hr w/ coal 1310 MMBtu/Hr w/ NG	Research Cottrell baghouse	P-10,402
	022		Temporary coal crushing/conveyor system		Wet suppression	02EP0253
P201	023	S201i	Drag chain reclaim (discharge to blending conveyor)		Coal moisture	02EP0336
		S201j	Blending conveyor (discharges onto reclaim belt)			
		S201a	Coal crusher baghouse vent		Baghouse & wet suppression	
		S201g	No. 2 belt (transfer from crusher to #2 belt & crusher to gallery		Chemical Application	Grandfathered

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Emission Unit Number	AIRS Stack Number	Facility Identifier	Description	Size	Pollution Control Device	Existing Permit
		S201e	Coal reclaim hopper and conveyor		Coal moisture	
P201	023	S201b	Coal Gallery Baghouse vent		Johnson-March Skykleen PCT 6-10 Baghouse	Grandfathered
P201	007	S201c	Rail Car Unloading Hopper		Wind Screen and Chemical Application	84EP312 Mod 2
		S201d	Coal loadout to coal pile		Enclosed and Chemical Application	84EP312 Mod 2
					Telescoping Chute and Chemical Application	
		S201f	Coal Stockpile		Chemical Application	
P202	019	S202a	Flyash Silo Baghouse Vent		Besser APPCO Division Fabric Filter Model 100S-8-20-B SN 920373H4	92EP590
		S202b	Unit 5 Blower		Mikropul Separator & Fabric Filter Model 55(6)-8- 24HG''TRH'' SN 920373H3	
		S202c	Unit 6 Blower		Mikropul Separator & Fabric Filter Model 109(6)-8- 24HG''TRH'' SN 920373H2	
		S202d	Unit 7 Blower		Mikropul Separator & Fabric Filter Model 109(6)-8- 24HG''TRH'' SN 920373H1	
		S202e	Backup Blower		Mikropul Separator & Baghouse	

Emission Unit Number	AIRS Stack Number	Facility Identifier	Description	Size	Pollution Control Device	Existing Permit
		S202f	Silo Discharge chutes		Dry Chute Units:Model EV-24-6 SN EV-5469 Unit B=Model EV-24-6 SN EV-5468 Wet Unloaders: Both are Assembly No. A-18776-11	
P206	016		Unit 5 cooling tower Marley 653-3-06 SN 655-3-32			Grandfathered
P208	017		Unit 6 cooling tower Marley 6516-3-06 SN 6516-12-295-6			
P211	018		Unit 7 cooling tower Marley 6519-5-06 SN 6516-12-68-71			

1.

SECTION II - Specific Permit Terms

Natural Gas Firing of Boilers

S005 - 514 MMBtu/Hr Riley Boiler

S006 - 850 MMBtu/Hr Babcock & Wilcox Boiler S007 - 1310 MMBtu/Hr Babcock & Wilcox Boiler

5007 - 1510 WINIDIU/III DADCOCK & WIICOX DOILEI

NOTE: The following terms and conditions apply to each boiler separately

Parameter	Permit	Limitations	Compliance Emission	Monit	Monitoring		
	Condition Number		Factor	Method	Interval		
Fuel Usage	1.1 1.2			Records of fuel consumption or vendor receipts	Annually		
PM & PM10	1.2 1.3	0.1 lbs/MMBtu	1.9 lb/MMscf	Emissions – Record keeping and calculation	Emissions Estimates – Annual Calculation Compliance – one time demonstration		
VOC	1.2		5.5 lb/MMscf	Record keeping	Annually		
СО			84 lb MMscf	and calculation			
SO_2	1.2 1.4			CEM	See Acid Rain Provisions of Section V of this Operating Permit		
NOx				CEM			
Acid Rain	1.5	See Section V of this permit		See Section V of this permit	See Section V of this permit		
Opacity	8.1	Not to exceed 20% except as provided for in Condition 8.2 below		СОМ	Continuous – Average of six (6) consecutive minutes		
Opacity	8.2	For certain operational activities, not to exceed 30% for a period or periods aggregating more than six (6) consecutive minutes in any 60 consecutive minutes		СОМ	Continuous – Average of six (6) consecutive minutes		

1.1 The following terms and conditions of this portion of the permit are set forth for when the boiler is burning only natural gas. When natural gas is co-fired with another fuel, the applicable

requirements shall be defined by the permit conditions for the other fuel. Fuel use records shall be maintained on-site and made available to the Division for review upon request.

- 1.2 The calculated annual actual emission estimates shall be determined using the annual fuel usage and the emission factor shown for those pollutants where a continuous emission monitor is not required for the pollutant. Where a continuous emission monitor is required, the actual emissions shall be determined by the monitoring system.
- 1.3 The particulate emission limit is being established directly in this Operating Permit in accordance with Section I, Condition 1.4 of this Operating Permit. The emission limit is set by Colorado Regulation No. 1 Section III.A.1.c not to exceed 0.1 pounds per million Btu heat input. The heat input rate for each boiler shall be the manufacturer's guaranteed maximum heat input rate. In the absence of credible evidence to the contrary, compliance with the particulate matter emission limit when burning natural gas may be demonstrated by maintaining a record of a calculation demonstrating the combination of the emission factor and the fuel heat content precludes noncompliance. A copy of the calculation shall be made available for Division review upon request.
- 1.4 The sulfur dioxide and nitrogen oxides shall be monitored in accordance with the Acid Rain provisions of Section V of this Operating Permit.
- 1.5 This unit is subject to the Title IV Acid Rain Requirements. As specified in 40 CFR Part 72.72(b)(1)(viii), the Acid Rain permit requirements shall be a complete and segregable portion of the Operating Permit. As such the requirements are found in Section V of this permit. The source shall demonstrate compliance with the Acid Rain requirements by submitting quarterly reports/compliance certifications and annual reports/compliance certifications as specified in Section V, Condition 4 of this Operating Permit.

2.

Coal Firing of Boilers

S005 - 548 MMBtu/Hr Riley Boiler

S006 - 861 MMBtu/Hr Babcock & Wilcox Boiler

S007 - 1336 MMBtu/Hr Babcock & Wilcox Boiler

NOTE: The following terms and conditions apply to each boiler separately

Par	rameter	Permit	Limitations	Emission Factors	Monitoring		
		Condition Number			Method	Interval	
Fue	el Usage	2.1			Record keeping, Vendor Receipts and Inventory	Annually	
Asl	h Content	2.3		Fuel Analysis Value	Fuel Sampling Plan or vendor receipts	As required by other permit	
	at Content tu Value)			CEM or Fuel Analysis	CEM, Fuel sampling plan or vendor receipts	conditions	
	nission lculation						
	PM ₁₀	2.2		From most recent stack test	Record keeping and calculation	Annually	
	H ₂ SO ₄			0.00135 ton/ton of SO ₂			
	VOC			0.06 lb/ton			
	СО			0.5 lb/ton			
On (Aı	ad (Pb) – State aly mbient andard)	2.9	State Only - Ambient air concentration not to exceed 1.5 micrograms per standard cubic meter averaged over a one-month period		Record keeping, calculation and modeling	One-time modeling demonstration	
PM	ſ	2.2 2.3 2.4	0.1 lbs/MMBtu	From most recent stack test	Opacity monitoring as an indicator of baghouse performance	Continuous	
					Baghouse maintenance	Per manufacturer's recommendations & good engineering practices	
					Source testing	As required by Condition 2.4.2	
Op	acity	2.6 7 8.1	Not to exceed 20% except as provided for in Condition 8.2		COM	Consecutive six (6) minute intervals	

Parameter	Permit	Limitations	Emission Factors	Monito	oring
	Condition Number			Method	Interval
Opacity	2.6 7 8.2	For certain operational activities, not to exceed 30% for a period or periods aggregating more than six (6) consecutive minutes in any 60 consecutive minutes		COM	Consecutive six (6) minute intervals
NOx	2.2 2.6 7		CEM	CEM	Fees – Annually Monitoring - Continuous
NOx – Acid Rain	Section V	0.46 lb/MMBtu, annual average		See Section V of this Operating Permit	See Section V of this Operating Permit
SO ₂	2.2 2.5 2.6 7	1.2 lb/MMBtu,		CEM 3 hour rolling average	Fees – Annually Monitoring - Continuous
SO ₂ - Acid Rain	Section V	A sufficient number of allowances must be held in the unit's ATS subaccount prior to the allowance reconciliation deadline		See Section V of this Operating Permit	See Section V of this Operating Permit
CO ₂	2.6		СЕМ	CEM	Continuous
Stack Gas Flow Rate	7				
Acid Rain	2.8	See Section V of this permit		Certification	Quarterly
Compliance Test	2.4.2			EPA or other Division Approved Methods	As required by Condition 2.4.2

2.1 The following terms and conditions of this portion of the permit are set forth for when the boiler is burning coal for steam generation. When coal is co-fired with another fuel, the applicable requirements shall be defined by the permit conditions for the coal combustion. Fuel usage shall be determined from belt scales, invoices and inventory on hand. Copies of the records shall be kept onsite and made available for Division review upon request.

2.2 Emission Factors and APEN Reporting

2.2.1 The emission factors listed in the table above have been approved by the Division and may be used to calculate emissions from the boiler. Other appropriate emission

factors (i.e., current version of EPA's Compilation of Emission Factors (AP-42)) and appropriate control equipment collection efficiencies may also be used as noted in Section II, Condition 9 of this permit. Annual emissions for the purposes of APEN reporting and the payment of annual fees shall be calculated using the appropriate emission factors and the annual fuel usage in the following equation:

Tons/yr = [EF (lbs/ton) x annual fuel usage (tons/yr)]2000 lbs/ton

- 2.2.2 For APEN and fee purposes, annual emissions of SO₂ and NO_X shall be determined from the Continuous Emission Monitors (CEMs) required by Section II Condition 2.6 below.
- 2.2.3 Annual emissions of PM and PM₁₀ for the purposes of APEN reporting and payment of annual fees will be determined using the emission factor for PM determined from the source testing required in Section II Condition 2.4.2 below and the annual fuel usage, as required by Section II Condition 2.1 above, in the following equation, or using stack test data.

 $PM/\ PM_{10}\text{:}$ $Tons/yr = \underbrace{[EF\ (lbs/mmBtu)\ x\ fuel\ usage\ (tons/yr)\ x\ heat\ content\ of\ fuel\ mmBtu/ton)]}_{2000\ lbs/ton}$

The heat content of the fuel shall be the average heat content of the fuel as monitored by fuel sampling required in Section II Condition 2.7 below, or the average as measured and recorded by the continuous emission monitoring system (CEMS).

- 2.3 The heat content shall be calculated from the emissions recorded by the carbon dioxide continuous emissions monitor, or measured by testing as described in the fuel sampling plan required by Section II Condition 2.7 below. The ash content of the coal shall be monitored in accordance with the fuel sampling plan. Alternatively, vendor receipts, invoices, contracts or other similar type information may be used to provide the values for the ash content. Such alternative information shall indicate that the sampling and analysis has been performed in accordance with the ASTM procedures or other Division approved procedures identified.
- 2.4 The particulate emission limit was set by Colorado Regulation No. 1, Section III.A.1.c not to exceed 0.1 pounds per million Btu heat input. The heat input rates for each boiler shall be the manufacturer's guaranteed maximum heat input rates. Compliance with this limit shall be monitored as follows.
 - 2.4.1 Baghouse Operation and Maintenance Requirements
 - 2.4.1.1 The boiler baghouse(s) shall be maintained and operated in accordance with good engineering practices. The continuous opacity monitors (COM(s)) shall

be used as an indicator of baghouse performance. Spikes in instantaneous opacity observed by boiler operators during the baghouse cleaning cycle shall be cause for investigation. Any maintenance performed on the boiler baghouse(s) shall be documented and made available to the Division for review upon request.

2.4.2 Stack Testing

Performance testing for particulate emissions (PM and PM₁₀) shall be performed annually, in accordance with the requirements and procedures set forth in EPA Test Method 5 as set forth in 40 CFR Part 60, Appendix A, except that:

- (1) if the first annual test results indicate emissions are less than or equal to 50% of the emission limit, no additional tests are required during the permit term;
- (2) if the first annual test results indicate emissions are more than 50%, but less than or equal to 75% of the emission limit, another test is not required until within one year of expiration of this permit;
- (3) if the first annual test results indicate emissions are greater than 75% of the emission limit, an annual test is required until the provisions of (1) or (2) are met except that if test results are greater than 75% of the standard for three consecutive years the source may petition the Division to waive the testing requirements for one or both of the remaining two years of the permit term;
- (4) A stack testing protocol shall be submitted for Division approval at least thirty (30) calendar days prior to any performance of the test required under this condition. No stack test required herein shall be performed without prior written approval of the protocol by the Division. The Division reserves the right to witness the test. In order to facilitate the Division's ability to make plans to witness the test, notice of the date(s) for the stack test shall be submitted to the Division at least thirty (30) calendar days prior to the test. The Division may for good cause shown, waive this thirty (30) day notice requirement. In instances when a scheduling conflict is presented, the Division shall immediately contact the permittee in order to explore the possibility of making modifications to the stack test schedule. The required number of copies of the compliance test results shall be submitted to the Division within forty-five (45) calendar days of the completion of the test unless a longer period is approved by the Division. (ver 4/18/02)

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The compliance standard is set by Colorado Regulation No. 1, Section VI.A.3.a.(ii) not to 2.5 exceed 1.2 pounds of sulfur dioxide emissions per million Btu of heat input. The heat input rates for each boiler shall be the manufacturer's guaranteed maximum heat input rates.

Compliance with this standard shall be monitored using the continuous emission monitor (CEM) required by Section II, Condition 7 of this Operating Permit. Monitoring shall be calculated on a 3hour rolling average as required by Colorado Regulation No. 1, Section VI.A.1. At the beginning of each new hour, the average for the immediate preceding three (3) hours shall be determined and evaluated against the emissions limit.

- 2.6 CEM and COM Monitoring Systems - Continuous Emission Monitoring (CEM) systems shall be installed, certified and operated for measuring opacity, sulfur dioxide, nitrogen oxides (including diluent gas: either CO₂ or O₂), CO₂, and volumetric flow (40 CFR Part 75 and Colorado Regulation No. 1, Section IV.B.1, 2 and 3). The CEM systems shall meet the requirements in Section II, Condition 7.0 of this permit and Section V of this permit.
- 2.7 Coal Sampling and Analysis - Coal shall be sampled quarterly to determine the weight percent ash. Prior to the first coal sampling event, a coal sampling plan shall be submitted to the Division for approval. The coal sampling plan shall at a minimum include the elements identified in Appendix G. The ash content of the coal shall be determined by sampling and testing the coal in accordance with the Division approved coal sampling plan. Alternatively, vendor receipts, invoices, contracts, or other information may be used to provide the values for the heat content. Such alternative information shall indicate that coal sampling and analyses have been performed in accordance with the ASTM procedures, or equivalent, identified in fuel sampling/analysis plan submitted.
- Acid Rain This unit is subject to the Title IV Acid Rain Requirements. As specified in 40 2.8 CFR Part 72.72(b)(1)(viii), the acid rain permit requirements shall be a complete and segregable portion of the Operating Permit. As such the requirements are found in Section V of this permit. The source shall demonstrate compliance with the Acid Rain requirements by submitting quarterly reports/compliance certifications and annual reports/compliance certifications as specified in Section V.

2.9 **State Only Requirement - Lead**

Emissions of Lead (Pb) shall not be such that emissions from the facility result in an ambient lead concentration exceeding 1.5 micrograms per standard cubic meter averaged over a one-month period (Colorado Regulation No. 8, Part C, Section I.B). CSU submitted a modeling report demonstrating the lead emissions were in compliance with the ambient lead concentration limit. No further action is needed unless CSU or the Division determines the lead concentration of the coal has reached a level that warrants a new modeling to demonstrate compliance.

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3. Coal Handling – Train to Stockpile

S201c - Rail Car Unloading Hopper S201d - Coal Loadout to Coal Pile S201f - Coal Stockpile

Parameter	Permit	Limitations	Compliance Emission Factors	Monitorii	ng
	Condition Number			Method	Interval
Coal Processed	3.1 3.2	1.37 MMtons/year		Record keeping	Monthly
PM		14.14 tons per year	0.00815 lb/ton of coal thru put (controlled)	and calculation 12 month rolling	
			0.458 lb/acre-hr for stockpile (controlled)	total	
PM_{10}		7.07 tons per year	0.50 X PM		
Fugitive Emissions	3.3	Regulation No. 1, Section III.D		Regulation No. 1, Appendix A & B	Daily

- 3.1 The coal usage and stockpile size shall be used with the appropriate emission factors to determine actual emissions. The throughput shall be monitored by the use of weighing belt conveyors and records of the quantities processed. The weigh belts shall be calibrated once per calendar year. Records of the calibration shall be maintained and made available for Division review upon request.
- 3.2 The limits were established by Conditions 2 and 3 of Construction Permit 84EP312 Mod 1. Compliance with annual limits shall be determined on a rolling twelve (12) month total. By the end of each new calendar month a total for the previous twelve (12) calendar months shall be calculated and compliance determined. Records of the calculations and the compliance determinations shall be kept on-site for Division review upon request.

Compliance with the limitations shall be assumed if the control measures stated below in Condition 3.3 are followed and the process rates are not exceeded if there is no credible evidence to the contrary.

- 3.3 Fugitive particulate emission producing sources shall be subject to the following measures established by the fugitive dust control program of Construction Permit 84EP312, Condition 1:
 - 3.3.1 Two masonry block walls of 16'-2" X 114'-8" long with a 24'-8" separation between walls shall be installed parallel to the track and hoppers to minimize fugitive emissions. (84EP312 Mod 1, Control Plan Control Measure Item 1)
 - 3.3.2 A wet dust suppression system spraying a solution of water and concentrated surface active compound according to manufacturers' specifications shall be installed and operated at the track hopper loadout and conveyor belt transfer points. (84EP312

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- Mod 1, Control Plan Control Measure Item 2) Records of the amount of concentrated compound used shall be maintained and made available to the Division for review upon request.
- 3.3.3 Conveyors shall be totally enclosed. (84EP312 Mod 1, Control Plan Control Measure Item 3)
- 3.3.4 An automatic telescoping chute with two tilt switches shall be used to transfer coal to the stockout pile. (84EP312 Mod 1, Control Plan Control Measure Item 4)
- 3.3.5 Each discharge chute in the system will be fitted with a dust curtain at the material entry point to minimize emissions in the facility. (84EP312 Mod 1, Control Plan Control Measure Item 5)
- 3.3.6 Coal stockpile shall be compacted to minimize emissions. (84EP312 Mod 1, Control Plan Control Measure Item 6)
- 3.3.7 Coal stockpile particulate emissions shall be controlled with the application of a chemical stabilizer, mixed and applied as per the manufacturer's instructions.. (84EP312 Mod 1, Control Plan Control Measure Item 7 modified directly in this Operating Permit in accordance with Section I, Condition 1.4 of this Operating Permit) Records of the amount of chemical stabilizer applied shall be maintained and made available for Division review upon request.
- 3.3.8 Storage and Handling of Materials Both the 20% opacity and the no off-property transport emission limitation guidelines shall apply to storage and handling operations. (84EP312 Mod 1, Control Plan)

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4.

Coal Handling Grandfathered Sources

Coal reclaim hopper and conveyor No. 2 belt (transfer from crusher to #2 belt & crusher to gallery Coal Gallery Baghouse Vent

Parameter	Permit	Limitations	Emission Factors	Monitoring	
	Condition Number			Method	Interval
Coal Processed	4.1 4.2 4.3			Record keeping and calculation	Annually
PM			10 X 10 ⁻⁶ lb/ton coal handled (controlled)		
PM_{10}			3 X 10 ⁻⁶ lb/ton coal handled (controlled)		
Opacity	4.4	Not to exceed 20%		Visible Emission Method 9	Daily As required

- 4.1 These sources are subject to the General Conditions in Section IV of this Permit including the Record keeping and Reporting requirements listed under Condition 21 and Fee Payment under Condition 7.
- 4.2 The emission factors listed above shall be used to calculate emissions on an annual basis. The results of the calculations shall be recorded in a log to be made available to the Division for review upon request.
- 4.3 The coal usage shall be used with the appropriate emission factors to determine actual emissions.
- 4.4 CSU shall employ such control measures and operating procedures as are necessary to minimize visible particulate emissions into the atmosphere. A daily check shall be made for non-Method 9 visible emissions when the conveying systems are operated. If visible emissions are observed, the source of the visible emissions shall be investigated and noted in a record.
 - 4.4.1 When non-Method 9 visible emissions are observed to persist for more than six (6) minutes, a Method 9 opacity observation of the emissions shall be required. If the Method 9 observation indicates an exceedance of the opacity limit, additional Method 9 observations shall be performed. Subject to the provisions of C.R.S. 25-7-123.1 and in the absence of credible evidence to the contrary, exceedance of the limit shall be considered to exist from the time a Method 9 opacity observations is taken that shows an exceedance of the opacity limit until a Method 9 opacity observation is taken that shows that the opacity is less than the opacity limit. A written explanation for the visible emissions shall be prepared and filed with the

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- copy of the Method 9 observation. Such records shall be made available for Division review upon request.
- 4.4.2 All Method 9 opacity observations shall be performed by a certified observer. A clear and readable copy of the observer=s certificate and any opacity observations shall be kept on file and made available to the Division for review upon request.
- 4.4.3 If no Method 9 opacity observations are needed during the first 12 calendar months after the issuance of this permit, the visual observation monitoring frequency may be relaxed to once per calendar week. If during the weekly monitoring frequency, any Method 9 opacity observations identify non-compliance, the visual observation frequency shall immediately revert back to the daily frequency. If two calendar months in any calendar year require Method 9 opacity observations, the observation frequency shall revert back to a daily frequency immediately following the second month requiring a Method 9 opacity observation.

5.

Flyash Handling

Parameter	Permit	Limitations	Source	Complianc e Emission Factors	Monitoring	
	Condition Number				Method	Interval
Flyash Production	5.1 5.2	174,300 tons per year			Record keeping and calculation	Monthly
PM 5.3	5.3	7.1 tons per year	S202a Flyash Silo Baghouse Vent	0.0008 lb/ton	12 month rolling total	
			S202b Unit 5 Blower			
			S202c Unit 6 Blower			
			S202d Unit 7 Blower			
			S202e Backup Blower			
			S202f Silo Discharge Chutes	0.08 lb/ton		
PM ₁₀		3.6 tons per year	S202a Flyash Silo Baghouse Vent	0.0004 lb/ton		
			S202b Unit 5 Blower			
			S202c Unit 6 Blower			
			S202d Unit 7 Blower			
			S202e Backup Blower			
			S202f Silo Discharge Chutes	0.04 lb/ton		
Opacity	5.4	Not to exceed 20%			Visual Observation	Monthly
					Method 9	As Required

5.1 The annual flyash throughput shall be determined by weighing the transport trucks before and after loading and recording the load weights. Records of the weight of the flyash removed from the silo shall be kept and made available upon request for Division inspection.

Compliance with annual limits shall be monitored on a rolling twelve (12) month total. By the end of each new calendar month a total for the previous twelve (12) calendar months shall be calculated and compliance determined. Records of the calculations and the compliance determinations shall be kept on-site for Division review upon request.

The annual particulate emissions (tons/year) shall be estimated and compliance monitored by calculation using the annual ash throughput, the emission factors in the table above, and appropriate control equipment collection efficiencies.

5.2 Particulate Matter Emission Limits

- 5.2.1 The annual emission limits for particulate matter and particulate matter smaller than ten (10) microns were set by Condition 3 of Construction Permit 92EP590.
- 5.2.2 The flyash production/processing (handling) limit is set by Condition 4 of Construction Permit 92EP590.
- 5.3 CSU shall operate the flyash handling system in accordance with the most current version of the operating and maintenance plan. (Construction Permit 92EP590 Condition 5) This Construction Permit condition is being modified directly in this Operating Permit in accordance with Section I, Condition 1.4. A copy of the operating and maintenance plan shall be kept on file and made available for Division inspection upon request.

5.4 Opacity

- 5.4.1 CSU shall employ such control measures and operating procedures as are necessary to minimize visible particulate emissions into the atmosphere. At least once each week the ash handling system is operated, observations for non-Method 9 visible emissions from the blower vents, storage silo vent and the silo unloading area shall be made.
- 5.4.2 If non-Method 9 visible emissions are observed, the source of the visible emissions shall be investigated, corrections made and the problem and the correction(s) noted in a record. If the visible emissions persist for more than six (6) consecutive minutes after the correction(s) has been made, a Method 9 opacity observation shall be performed by a certified observer. A clear and readable copy of the observer=s certificate and any opacity observations shall be kept on file and made available to the Division for review upon request.
- 5.4.3 Additional Method 9 opacity observations shall be performed when such observation indicates an exceedance of the opacity limit. Subject to the provisions of C.R.S. 25-7-123.1 and in the absence of credible evidence to the contrary, exceedance of the limit shall be considered to exist from the time a Method 9 opacity observation is taken that shows an exceedance of the opacity limit until a Method 9 opacity observation is taken that shows that the opacity is less than the opacity limit. A

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- written explanation for the visible emissions shall be prepared and filed with the copy of the Method 9 observation. Such records shall be made available for Division review upon request.
- 5.4.4 If no Method 9 opacity observations are needed during the first 12 calendar months after the issuance of this permit, the visual observation monitoring frequency may be relaxed to once per calendar month. If during the monthly monitoring frequency, any Method 9 opacity observations identify non-compliance, the visual observation frequency shall immediately revert back to the weekly frequency. If two calendar months in any calendar year require Method 9 opacity observations, the observation frequency shall revert back to a weekly frequency immediately following the second month requiring a Method 9 opacity observation.

6.

Cooling Towers

Parameter	Permit	Limitations	Emission Factors	Monitoring	
	Condition Number			Method	Interval
PM	6.1		See equation in Condition	Record keeping and	Annual
PM ₁₀	6.2 6.3		6.3 below	Calculation	
VOC	6.4		0.0199 lbs/MM gallons of water circulated (as CHCl ₃)		

- 6.1 The quantity of water circulated in each tower shall be monitored and recorded monthly. The monthly quantities of the make-up water and the water circulated through each tower shall be summed and used to calculate the respective annual totals.
- 6.2 Circulating water shall be monitored for Total Dissolved Solids (TDS) or conductivity on a semi-annual basis. TDS shall be measured by EPA or other Division approved test methods or by use of a standard conductivity or TDS probe. Conductivity shall be converted to TDS by use of a 0.75 conversion factor (0.75 X conductivity = TDS).
- 6.3 The following equation shall be used to estimate the particulate emissions:

 $PM_{10} = 0.50 \text{ x PM}$ PM (tons/month) = Q x d x drift x 31.3% X total dissolved solids concentration x ton/2000 pounds

Where: Q = water circulated, million gallons per month
d = density of water, 8.34 pounds per gallon
drift = gallons of drift/gallon of circulated flow,
From manufacturer: Unit 5 = 0.00002; Unit 6 = 0.00002; Unit 7 = 0.002
31.3% = drift dispersed (per EPA-600/7/79-251a, November 1979, "Effects of Pathogenic and
Toxic Materials Transported Via Cooling Device Drift – Volume 1 – Technical Report",

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total dissolved solids concentration (TDS) = total dissolved solids concentration, in ppm (lbs solids/million lbs water)

6.4 All records needed for the estimation of the cooling tower emissions shall be maintained onsite and made available to the Division for review upon request.

7. Continuous Emission Monitoring and Continuous Opacity Monitoring Systems

7.1 CEM and COM Monitoring Systems QA/QC Plan

7.1.1 Continuous Emission Monitoring (CEM) and Continuous Opacity Monitoring (COM) systems are required for measurement of the stack SO₂, CO₂, NO_X (and diluent monitor for either CO₂ or O₂), gas flow rate and opacity emissions. The most current version of the assurance/quality control plan developed shall be followed. The plan shall be kept on-site and made available for Division review upon request. Revisions shall be made to the plan at the request of the Division. CEM and COM requirements for Part 75 are set forth in Section V of this permit.

7.2 General Provisions

- 7.2.1 CSU shall ensure that all continuous emission and opacity monitoring systems required are in operation and monitoring unit emissions or opacity at all times that the boiler combusts any fuel except during those periods identified in 40 CFR Part 75 §75.11(e) and during periods of calibration, quality assurance, or preventative maintenance performed pursuant to 40 CFR Part 75 §75.21 and Appendix B, periods of repair, periods of backups of data from a data acquisition and handling system or recertification performed pursuant to 40 CFR Part 75 §75.20. CSU shall also ensure, subject to the exceptions just noted, that the continuous opacity monitoring systems required are in operation and monitoring opacity during the time following combustion when fans are still operating unless fan operation is not required to be included under any other applicable requirement. (40 CFR Part 75 §75.10(d))
- 7.2.2 Alternative monitoring systems, alternative reference methods, or any other alternatives for the required continuous emission monitoring systems shall not be used without having obtained prior written approval from the Division. Any alternative continuous emission monitoring systems or continuous opacity monitoring systems must be certified in accordance with the requirements of 40 CFR Part 75 prior to use.
- 7.2.3 All test and monitoring equipment, methods, procedures and reporting shall be subject to the review and approval by the Division prior to any official use. The Division shall have the right to inspect such equipment, methods and procedures and data obtained at any time. The Division may provide a witness(s) for any and all tests as Division resources permit.
- 7.2.4 A file shall be maintained of all measurements, including continuous monitoring system, monitoring device, and performance testing measurements; all continuous monitoring system performance evaluations; all continuous monitoring system or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required by applicable portions of

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40 CFR Part 75. The information shall be in a permanent form and suitable for inspection upon request.

7.3 Continuous Emission Monitoring (CEM) Systems

- 7.3.1 The Continuous Emission Monitoring (CEM) Systems are subject to the requirements of 40 CFR Part 75. Each monitoring system shall meet the equipment, installation and performance specifications of 40 CFR Part 75, Appendix A.
- 7.3.2 CSU shall follow the 40 CFR Part 75 quality assurance and quality control procedures of Appendix B, the missing data estimation procedures of Appendix C, the carbon dioxide determination procedures of Appendix G and the traceability protocols of Appendix H.
- 7.3.3 When a continuous monitoring system is unable to provide quality assured data, the CSU may use either of the following monitoring methods:
 - 7.3.3.1 A backup monitor may be used to monitor compliance with the NO_x and SO₂ emission limits. If backup monitors are used as described in 40 CFR Part 75 Subpart C, the next quarterly report shall identify the dates and times the backup monitors were in use. The requirement to provide data regarding when a backup monitoring system is in use shall not apply to redundant monitoring systems.
 - 7.3.3.2 CSU shall monitor compliance with the SO_2 and NO_x emission limitations by using the data substitution procedures in 40 CFR Part 75, Subpart D.

7.4 Continuous Opacity Monitoring (COM) Systems

- 7.4.1 The Continuous Opacity Monitoring (COM) Systems are subject to the requirements of 40 CFR Part 75. Each continuous opacity monitoring system shall meet the design, installation, equipment and performance specifications in 40 CFR Part 60, Appendix B, Performance Specification 1.
- 7.4.2 CSU shall check the zero and span drift of the system at least once per day and at such other times as designated by the Division, according to procedures approved by the Division. The Division may also make such determinations in order to assure proper quality assurance (Colorado Regulation No. 1, Section IV. F)
- 7.4.3 When the opacity monitoring system is unable to provide quality assured data in accordance with 40 CFR Part 75, CSU may elect to utilize a backup opacity monitor or EPA Reference Method 9, or an "Operating Report During Monitor Unavailability" to satisfy the requirements for periodic monitoring under 40 CFR Part 70 and Colorado Regulation No. 3.
 - 7.4.3.1 If a backup monitors are used as described in 40 CFR Part 75, Subpart C,

the next quarterly report submitted by CSU shall identify the dates and times the backup monitors were in use.

- 7.4.3.2 If EPA Reference Method 9 observations are used, visual observations in accordance with the reference method shall be made and recorded by CSU whenever the source is in operation and the opacity monitoring system has been out of service for more than eight (8) consecutive hours while fuel is present in the boiler.
 - The visual observations shall be performed by a certified opacity observer each 24 hour period until the opacity monitoring system is again able to provide quality assured data. An inspection for visible emissions shall be performed at least twice per day for a thirty (30) continuous minute period, once in the morning and once in the afternoon. If a visual emissions observation cannot be performed in accordance with EPA Reference Method 9, the source shall record the reasons why that is the case. If visible emissions other than steam persist for more than six (6) continuous minutes, a certified observer shall perform an EPA Reference Method 9 opacity observation. If any of the EPA Reference Method 9 opacity observations required above exceed the applicable standard, additional EPA Reference Method 9 observations must be performed. Subject to the provisions of C.R.S. 25-7-123.1 and in the absence of credible evidence to the contrary, exceedance of the limit shall be considered to exist from the time a Method 9 reading is taken that shows an exceedance of the opacity limit until a Method 9 reading is taken that shows that the opacity is less than the opacity limit. A written explanation for the visible emissions shall be prepared and filed with the copy of the Method 9 observation. Such records shall be made available for Division review upon request.
 - b. A clear, readable, and permanent copy of the observer's certificate shall be kept with the observations. The observations and the certificate shall be made available to the Division for review upon request.
- 7.4.3.3 If an "Operating Report During Monitor Unavailability" is used, the source shall record the opacity monitor registered reading prior to the monitor unavailability period and that immediately following such periods. Records shall be kept to provide a description of the boiler and control equipment operating characteristics that demonstrate the likelihood of compliance with the applicable opacity limitation. The records shall document specific values for identified characteristics where appropriate. Such operating circumstances shall be identified on a boiler specific basis and provided to the Division and shall include information related to the operation of the control equipment and other operational parameters that may affect opacity.

7.5 Notification and Record keeping

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- 7.5.1 The owner or operator of a facility required to install, maintain, and calibrate continuous monitoring equipment shall submit to the Division, by the end of the calendar month following the end of each calendar quarter, a report of excess emissions for all pollutants monitored for that quarter. This report shall consist of the following information and/or reporting requirements as specified by the Division (Colorado Regulation No. 1, Section IV.G.).
- 7.5.2 The magnitude of excess emissions computed in accordance with Division guidelines (in units of the standard or the emission limit, and the same averaging time, if applicable), any conversion factor(s) used, and the date and time of commencement and completion of each time period of excess emissions. (Colorado Regulation No. 1, Section IV.G.1).
- 7.5.3 The nature and cause of the excess emissions, if known. (Colorado Regulation No. 1, Section IV.G.2).
- 7.5.4 The date and time identifying each period of equipment malfunction and the nature of the system repairs or adjustments, if any, made to correct the malfunction. (Colorado Regulation No. 1, Section IV.G.3).
- 7.5.5 A schedule of the calibration and maintenance of the continuous monitoring system. (Colorado Regulation No. 1, Section IV.G.4).
- 7.5.6 Compliance with the reporting requirements of this condition shall not relieve the owner or operator of the reporting requirements of Section II.E of the Common Provisions concerning upset conditions and breakdowns (Colorado Regulation No. 1, Section IV.G.5).

8. Opacity Requirements and Periodic Monitoring

The following limits apply to those sources referenced throughout this permit.

8.1 Opacity – Colorado Regulation No. 1, II.A.1

- 8.1.1 Except as provided in Condition 8.2, below, no owner or operator of a source shall allow or cause the emission into the atmosphere of any air pollutant which is in excess of 20% opacity. Visible emissions shall be measured by EPA Method 9 (40 CFR, Part 60, Appendix A (July, 1992)), unless otherwise specified in this permit. (Colorado Regulation No. 1, II.A.1).
- 8.1.2 CSU shall operate, calibrate, and maintain a continuous in-stack monitoring device for the measurement of opacity. Unless otherwise specified in this permit, the continuous opacity monitor (COM) shall be used to monitor compliance with the 20% opacity limit set forth above. The requirements for the opacity monitoring system are defined in Section II, Condition 7 of this permit.

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8.2 Opacity – Colorado Regulation No. 1, II.A.4

- 8.2.1 No owner or operator of a source shall allow or cause to be emitted into the atmosphere any air pollutant resulting from the building of a new fire, cleaning of fire boxes, soot blowing, start-up, any process modification, or adjustment or occasional cleaning of control equipment, which is in excess of 30% opacity as measured by EPA Reference Method 9 (unless otherwise specified in this permit) for a period or periods aggregating more than six (6) minutes in any sixty (60) consecutive minutes. (Colorado Regulation No. 1, II.A.4)
- 8.2.2 CSU shall operate, calibrate, and maintain a continuous in-stack monitoring device for the measurement of opacity. Unless otherwise specified in this permit, the continuous opacity monitor (COM) shall be used to monitor compliance with the 30% opacity limit set forth above. The requirements for the opacity monitoring system are defined in Section II, Condition 7 of this permit.
 - 8.2.2.1 A record shall be kept of the type, date and time of the commencement and completion of each and every condition subject to Colorado Regulation No.1, Section II.A.4 that results in an exceedance. The records shall be made available for review upon request by the Division.

9. Emission Factors

- 9.1 CSU shall comply with the provisions of Colorado Regulation No. 3 concerning APEN reporting. Emission factors that are approved compliance factors specified within this permit can not be adjusted without requiring a permit modification. Emission factors and/or other emission estimating methods used only to comply with the reporting requirements of this regulation can be updated and modified as specified. These change by themselves, do not require any permitting activities though the resulting emission estimate may trigger permitting activities.
- 9.2 When the permit is reopened, the emissions factors may be evaluated for any changes. When emission factors are found to have changed, the impact of the new emissions will be evaluated.

10. Reporting and Records

- 10.1 All required reports shall be submitted to the Division by the end of the calendar month immediately following the end of the reporting period, unless a different response time is identified elsewhere in this permit. The report shall be in a format acceptable to the Division.
- 10.2 CSU may maintain all records required by Section IV, General Condition 21.b of this Operating Permit, in computerized form.

11. Coal Sampling/Testing

Coal shall be sampled and tested to monitor the heat content and weight percent ash in the coal. The coal sampling plan shall be submitted to the Division for approval. The coal sampling and testing

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plan shall at a minimum include the elements identified in Appendix G. The ash and heat content of the coal shall be monitored by sampling and testing the coal in accordance with the Division approved coal sampling plan. Vendor receipts or invoices may be used to provide the values for ash, and heat content. The vendor shall provide a written and signed statement that the coal sampling and analysis has been performed in accordance with the ASTM or other Division approved methods or procedures identified in the approved plan.

12.

Temporary Coal Crushing/Conveyor System

Parameter	Permit	Limitations	Emission Factors	Monitoring	
	Condition Number			Method	Interval
Coal Processed	12.1 12.2 12.7	550 tons per hour and 1,370,000 tons per year		Record keeping and calculation 12 month rolling	Annually
PM		2.1 tons per year	Transfer Points – 0.000195 lb/ton coal processed (uncontrolled) Crushing – 0.02 lb/ton coal crushed (uncontrolled)	total	
PM ₁₀		0.7 tons per year	Transfer Points – 0.000068 lb/ton coal processed (uncontrolled) Crushing – 0.006 lb/ton coal		
			crushed (uncontrolled)		
Opacity	12.3	Not to exceed 20 %		Visible Emission	Daily
Opacity	12.4	Shall not be 20% or		Method 9	As
NSPS Subpart Y	12.5 12.6	greater			required
Permit Cancellation	12.8	Applicable requirements expire April 20, 2003 or upon notification of startup of upgraded system		Startup of upgraded system	As required

NOTE: The temporary equipment includes a drag chain conveyor, feed conveyor (Conveyor #1a), one coal crusher, and product conveyor (Conveyor #1b).

- The limits were established by Conditions 3 and 4 of Construction Permit 02EP0253. 12.1 Compliance with the hourly coal processing limit (tons/hour) shall be monitored from the calculated amount of coal processed for the calendar month and the number of operating hours for the month.
- Compliance with annual limits shall be determined on a rolling twelve (12) month total. By the end of each new calendar month a total for the previous twelve (12) calendar months shall be calculated and compliance determined. Records of the calculations and the compliance determinations shall be kept on-site for Division review upon request.
- 12.3 Regulation No. 1, Section II.A.1 sets an opacity limit not to exceed 20%.
- The source(s) is subject to the opacity standard of 40 CFR Part 60, Subpart Y, New Source 12.4 Performance Standards for Coal Preparation Plants, and Colorado Regulation No. 6, Part A, New Stationary Sources (NSPS) as follows:

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12.4.1 The operations shall not discharge into the atmosphere gases which exhibit 20% opacity or greater.

12.5 Opacity

- 12.5.1 CSU shall employ such control measures and operating procedures as are necessary to minimize visible particulate emissions into the atmosphere. At least once each week the temporary coal handling system is operated, observations for non-Method 9 visible emissions shall be made.
- 12.5.2 If non-Method 9 visible emissions are observed, the source of the visible emissions shall be investigated, corrections made and the problem and the correction(s) noted in a record. If the visible emissions persist for more than six (6) consecutive minutes after the correction(s) has been made, a Method 9 opacity observation shall be performed by a certified observer. A clear and readable copy of the observer=s certificate and any opacity observations shall be kept on file and made available to the Division for review upon request.
- 12.5.3 Additional Method 9 opacity observations shall be performed when such observation indicates an exceedance of the opacity limit. Subject to the provisions of C.R.S. 25-7-123.1 and in the absence of credible evidence to the contrary, exceedance of the limit shall be considered to exist from the time a Method 9 opacity observation is taken that shows an exceedance of the opacity limit until a Method 9 opacity observation is taken that shows that the opacity is less than the opacity limit. A written explanation for the visible emissions shall be prepared and filed with the copy of the Method 9 observation. Such records shall be made available for Division review upon request.
- 12.5.4 If no Method 9 opacity observations are needed during the first 12 calendar months after the issuance of this permit, the visual observation monitoring frequency may be relaxed to once per calendar month. If during the monthly monitoring frequency, any Method 9 opacity observations identify non-compliance, the visual observation frequency shall immediately revert back to the weekly frequency. If two calendar months in any calendar year require Method 9 opacity observations, the observation frequency shall revert back to a weekly frequency immediately following the second month requiring a Method 9 opacity observation.
- 12.6 The temporary coal preparation and handling system is subject to 40 CFR Part 60 Subpart A "General Provisions" as adopted by reference in Colorado Regulation No. 6 New Stationary Sources (NSPS). Construction Permit 02EP0253, Condition 5 set the following requirements.
 - 12.6.1 At all times, including periods of start-up, shutdown, and malfunction, the facility and control equipment shall, to the extent practicable, be maintained and operated in a manner consistent with good air pollution control practices for minimizing emissions. Determination of whether or not acceptable operating and maintenance procedures are being used will be based on information available to the Division,

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- which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source. (Reference: Regulation 6, Part A. General Provisions from 40 CFR 60.11)
- 12.6.2 No article, machine, equipment or process shall be used to conceal an emission which would otherwise constitute a violation of an applicable standard. Such concealment includes, but is not limited to, the use of gaseous diluents to achieve compliance with an opacity standard or with a standard, which is based on the concentration of a pollutant in the gases discharged to the atmosphere. (§ 60.12)
- 12.6.3 Written notification of construction and initial startup dates shall be submitted to the Division. (§ 60.7)
- 12.6.4 Records of startups, shutdowns, and malfunctions shall be maintained (§ 60.7).
- 12.6.5 Written notification of opacity observation(s) or monitor demonstrations shall be submitted to the Division (§ 60.7).
- 12.6.6 Performance tests shall be conducted (§ 60.8).
- 12.6.7 Compliance with the opacity standard shall be demonstrated (§ 60.11).
- Spray bars shall be used for emissions not controlled by dust collectors if the material moisture content is insufficient to control particulate emissions.
- 12.8 Construction Permit 02EP0253 expires upon startup of the modernized (upgraded) permanent coal preparation and handling system, or on April 30, 2003, whichever comes earlier. CSU shall notify the Division of the actual startup of the modernized (upgraded) permanent coal preparation and handling system, and request the Division cancel this Construction Permit if the startup date occurs before April 20, 2003.

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13.

Coal Crushing

Parameter	Permit	Limitations	Emission Factors	Monitorii	ng
	Condition Number			Method	Interval
Coal Processed	13.1 12.2	1,370,000 tons per year		Record keeping and calculation	Monthly
PM		2.3 tons per year	Transfer points ¹ – 0.000494 lb/ton of coal	12 month rolling total	
			Coal crusher – 0.02 lb/ton of coal		
PM ₁₀		0.7 tons per year	Transfer points – 0.000173 lb/ton of coal		
			Coal crusher – 0.006 lb/ton of coal		
Opacity	12.3	Not to exceed 20 %		Visible Emission	Daily
Opacity	12.4	Shall not be 20% or		Method 9	As
NSPS Subpart Y	12.5	greater			required

Transfer Points = Dragchain reclaim (discharge to blending conveyor)

Blending conveyor (discharge to reclaim belt)

13.1 The limits were established by Conditions 4 and 5 of Construction Permit 02EP0336.

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SECTION III - Permit Shield

Colorado Regulation No. 3, 5 CCR 1001-5, Part A, § I.B.44; Part C, §§ V.C.1.b. & D., XIII.B.; §§ 25-7-111(2)(I), 25-7-114.4(3)(a), C.R.S.

1. Specific Non-Applicable Requirements

Based upon information available to the Division and supplied by the applicant, the following parameters and requirements have been specifically identified as non-applicable to the facility to which this permit has been issued. This shield does not protect the source from any violations that occurred prior to or at the time of permit issuance. In addition, this shield does not protect the source from any violations that occur as a result of any modifications or reconstruction on which construction commenced prior to permit issuance.

Emission Unit Description &Number	Applicable Requirement	Justification
S005 S006	Colorado Regulation No. 6 Part A, NSPS Subpart A & NSPS Subpart D	These units existed prior to August 17, 1971.
S007	Colorado Regulation No. 6, Part B, Section II –Standards of Performance for New Fuel-Burning Equipment	These units existed prior to January 30, 1979.
P206 P208 P211	Colorado Regulation No. 1 §III.C.1.b – Particulate Matter – Manufacturing Processes.	The sources do not fit the Standard Industrial Classification (SIC) Code for manufacturing.
P201 P202 P206 P208 P211	Colorado Regulation No. 6, Part B, Section III –Standards of Performance for New Manufacturing Processes	The sources do not fit the Standard Industrial Classification (SIC) Code for manufacturing.
S201c S201d S201e S201f	Colorado Regulation No. 6 Part A, NSPS Subpart Y	NSPS Subpart Y §60.251(h) exempts stockpiles and EPA Applicability Determination Index No. NR90 exempts equipment that moves coal from the railcars to the stockpile
S201b	Colorado Regulation No. 6 Part A, NSPS Subpart Y	This source existed prior to October 24, 1974.
Facility-wide	Compliance Assurance Monitoring, 40 CFR Part 64	The Operating Permit application for the facility sources was deemed complete prior to April 20, 1998.
	Prevention of Significant Deterioration, 40 CFR §52.21 and Colorado Regulation No. 3, Part B, §IV.D.3.	The sources existed as of August 7, 1977, effective date of 40 CFR §52.21.

2. General Conditions

Compliance with this Operating Permit shall be deemed compliance with all applicable requirements specifically identified in the permit and other requirements specifically identified in the permit as not applicable to the source. This permit shield shall not alter or affect the following:

- 2.1 The provisions of §§ 25-7-112 and 25-7-113, C.R.S., or § 303 of the federal act, concerning enforcement in cases of emergency;
- 2.2 The liability of an owner or operator of a source for any violation of applicable requirements prior to or at the time of permit issuance;
- 2.3 The applicable requirements of the federal Acid Rain Program, consistent with § 408(a) of the federal act;
- 2.4 The ability of the Air Pollution Control Division to obtain information from a source pursuant to § 25-7-111(2)(I), C.R.S., or the ability of the Administrator to obtain information pursuant to § 114 of the federal act;
- 2.5 The ability of the Air Pollution Control Division to reopen the Operating Permit for cause pursuant to Colorado Regulation No. 3, Part C, § XIII.
- 2.6 Sources are not shielded from terms and conditions that become applicable to the source subsequent to permit issuance.

3. Streamlined Conditions

The following applicable requirements have been subsumed within this operating permit using the pertinent streamlining procedures approved by the U.S. EPA. For purposes of the permit shield, compliance with the listed permit conditions will also serve as a compliance demonstration for purposes of the associated subsumed requirements.

Permit Condition	Streamlined (Subsumed) Requirements
Section II, Conditions 9.1, 9.2, 9.3, 9.4	Colorado Regulation No. 1, Sections IV. A & B (General continuous monitoring requirements for Units S005, S006 & S007)
Section IV, Condition 21.b,c	Colorado Regulation No. 1, Section IV.H (Maintaining files for CEMS) for Units S005, S006 & S007.

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SECTION IV - General Permit Conditions (Ver 10/15/02)

1. Administrative Changes

Regulation No. 3, 5 CCR 1001-5, Part A, §III.

The permittee shall submit an application for an administrative permit amendment to the Division for those permit changes that are described in Regulation No. 3, Part A, §I.B.36.a. The permittee may immediately make the change upon submission of the application to the Division.

2. Certification Requirements

Regulation No. 3, 5 CCR 1001-5, Part C, §§ III.B.9., V.C.16.a.&e. and V.C.17.

- a. Any application, report, document and compliance certification submitted to the Air Pollution Control Division pursuant to Regulation No. 3 or the Operating Permit shall contain a certification by a responsible official of the truth, accuracy and completeness of such form, report or certification stating that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.
- b. All compliance certifications for terms and conditions in the Operating Permit shall be submitted to the Air Pollution Control Division at least annually unless a more frequent period is specified in the applicable requirement or by the Division in the Operating Permit.
- c. Compliance certifications shall contain:
 - the identification of each permit term and condition that is the basis of the certification;
 - (ii) the compliance status of the source;
 - (iii) whether compliance was continuous or intermittent;
 - (iv) the method(s) used for determining the compliance status of the source, currently and over the reporting period; and
 - (v) such other facts as the Air Pollution Control Division may require to determine the compliance status of the source.
- d. All compliance certifications shall be submitted to the Air Pollution Control Division and to the Environmental Protection Agency at the addresses listed in Appendix D of this Permit.
- e. If the permittee is required to develop and register a risk management plan pursuant to §112(r) of the federal act, the permittee shall certify its compliance with that requirement; the Operating Permit shall not incorporate the contents of the risk management plan as a permit term or condition.

3. Compliance Requirements

Regulation No. 3, 5 CCR 1001-5, Part C, §§ III.C.9., V.C.11. & 16.d., §§ 25-7-122.1(2), C.R.S.

a. The permittee must comply with all conditions of the Operating Permit. Any permit noncompliance relating to federally-enforceable terms or conditions constitutes a violation of the federal act, as well as the state act and Regulation No. 3. Any permit noncompliance relating to state-only terms or conditions constitutes a violation of the state act and Regulation No. 3, shall be enforceable pursuant to state law, and shall not be enforceable by citizens under § 304 of the federal act. Any such violation of the federal act, the state act or regulations implementing either statute is grounds for enforcement action, for permit termination, revocation and reissuance or modification or for denial of a permit renewal application.

- b. It shall not be a defense for a permittee in an enforcement action or a consideration in favor of a permittee in a permit termination, revocation or modification action or action denying a permit renewal application that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit.
- c. The permit may be modified, revoked, reopened, and reissued, or terminated for cause. The filing of any request by the permittee for a permit modification, revocation and reissuance, or termination, or any notification of planned changes or anticipated noncompliance does not stay any permit condition, except as provided in § X and §XI. of Regulation No. 3, Part C.
- d. The permittee shall furnish to the Air Pollution Control Division, within a reasonable time as specified by the Division, any information that the Division may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the Division copies of records required to be kept by the permittee, including information claimed to be confidential. Any information subject to a claim of confidentiality shall be specifically identified and submitted separately from information not subject to the claim.
- e. Any schedule for compliance for applicable requirements with which the source is not in compliance at the time of permit issuance shall be supplemental, and shall not sanction noncompliance with, the applicable requirements on which it is based.
- f. For any compliance schedule for applicable requirements with which the source is not in compliance at the time of permit issuance, the permittee shall submit, at least every 6 months unless a more frequent period is specified in the applicable requirement or by the Air Pollution Control Division, progress reports which contain the following:
 - (i) dates for achieving the activities, milestones, or compliance required in the schedule for compliance, and dates when such activities, milestones, or compliance were achieved; and
 - (ii) an explanation of why any dates in the schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.
- g. The permittee shall not knowingly falsify, tamper with, or render inaccurate any monitoring device or method required to be maintained or followed under the terms and conditions of the Operating Permit.

4. Emergency Provisions

Regulation No. 3, 5 CCR 1001-5, Part C, §VII.

An emergency means any situation arising from sudden and reasonably unforeseeable events beyond the control of the source, including acts of God, which situation requires immediate corrective action to restore normal operation, and that causes the source to exceed the technology-based emission limitation under the permit due to unavoidable increases in emissions attributable to the emergency. "Emergency" does not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error. An emergency constitutes an affirmative defense to an enforcement action brought for noncompliance with a technology-based emission limitation if the permittee demonstrates, through properly signed, contemporaneous operating logs, or other relevant evidence that:

- a. an emergency occurred and that the permittee can identify the cause(s) of the emergency;
- b. the permitted facility was at the time being properly operated;
- c. during the period of the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and

d. the permittee submitted oral notice of the emergency to the Air Pollution Control Division no later than noon of the next working day following the emergency, and followed by written notice within one month of the time when emissions limitations were exceeded due to the emergency. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

This emergency provision is in addition to any emergency or upset provision contained in any applicable requirement.

This emergency provision is also in addition to the Upset Conditions and Breakdowns provision set forth in the Common Provisions, Section II.E, which states that upset conditions shall not be deemed to be in violation of the Colorado regulations, provided the Division is notified as soon as possible, but not later than two (2) hours after the start of the next working day, followed by a written notice explaining the cause of the occurrence and that proper action has been or is being taken to correct the conditions causing the violation and to prevent such excess emission in the future.

5. Emission Standards for Asbestos

Regulation No. 8, 5 CCR 1001-10, Part B

The permittee shall not conduct any asbestos abatement activities except in accordance with the provisions of Regulation No. 8, Part B, "emission standards for asbestos."

6. Emissions Trading, Marketable Permits, Economic Incentives

Regulation No. 3, 5 CCR 1001-5, Part C, § V.C.13.

No permit revision shall be required under any approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are specifically provided for in the permit.

7. Fee Payment

CRS 25-7-114.1(6) and 25-7-114.7

- a. The permittee shall pay an annual emissions fee in accordance with the provisions of CRS 25-7-114.7. A 1% per month late payment fee shall be assessed against any invoice amounts not paid in full on the 91st day after the date of invoice, unless a permittee has filed a timely protest to the invoice amount.
- b. The permittee shall pay a permit processing fee in accordance with the provisions of CRS 25-7-114.7. If the Division estimates that processing of the permit will take more than 30 hours, it will notify the permittee of its estimate of what the actual charges may be prior to commencing any work exceeding the 30 hour limit.
- c. The permittee shall pay an APEN fee in accordance with the provisions of CRS 25-7-114.1(6) for each APEN or revised APEN filed.

8. Fugitive Particulate Emissions

Regulation No. 1, 5 CCR 1001-3, §III.D.1.

The permittee shall employ such control measures and operating procedures as are necessary to minimize fugitive particulate emissions into the atmosphere, in accordance with the provisions of Regulation No. 1, §III.D.1.

9. Inspection and Entry

Regulation No. 3, 5 CCR 1001-5, Part C, §V.C.16.b.

Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the Air Pollution Control Division, or any authorized representative, to perform the following:

- a. enter upon the permittee's premises where an Operating Permit source is located, or emissions-related activity is conducted, or where records must be kept under the terms of the permit;
- b. have access to, and copy, at reasonable times, any records that must be kept under the conditions of the permit;
- c. inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the Operating Permit;
- d. sample or monitor at reasonable times, for the purposes of assuring compliance with the Operating Permit or applicable requirements, any substances or parameters.

10. Minor Permit Modifications

Regulation No. 3, 5 CCR 1001-5, Part C, §§X. & XI.

The permittee shall submit an application for a minor permit modification before making the change requested in the application. The permit shield shall not extend to minor permit modifications.

11. New Source Review

Regulation No. 3, 5 CCR 1001-5, Part B

The permittee shall not commence construction or modification of a source required to be reviewed under the New Source Review provisions of Regulation No. 3, Part B, without first receiving a construction permit.

12. No Property Rights Conveyed

Regulation No. 3, 5 CCR 1001-5, Part C, §V.C.11.d.

This permit does not convey any property rights of any sort, or any exclusive privilege.

13. Odor

Regulation No. 2, 5 CCR 1001-4, Part A

As a matter of state law only, the permittee shall comply with the provisions of Regulation No. 2 concerning odorous emissions.

14. Off-Permit Changes to the Source

Regulation No. 3, 5 CCR 1001-5, Part C, § XII.B.

The permittee shall record any off-permit change to the source that causes the emissions of a regulated pollutant subject to an applicable requirement, but not otherwise regulated under the permit, and the emissions resulting from the change, including any other data necessary to show compliance with applicable ambient air quality standards. The permittee shall provide contemporaneous notification to the Air Pollution Control Division and to the Environmental Protection Agency at the addresses listed in Appendix D of this Permit . The permit shield shall not apply to any off-permit change.

15. Opacity

Regulation No. 1, 5 CCR 1001-3, §§I., II.

The permittee shall comply with the opacity emissions limitation set forth in Regulation No. 1, §§I.-II.

16. Open Burning

Regulation No. 9, 5 CCR 1001-11.

The permittee shall obtain a permit from the Division for any regulated open burning activities.

17. Ozone Depleting Compounds

Regulation No. 15, 5 CCR 1001-17

The permittee shall comply with the provisions of Regulation No. 15 concerning emissions of ozone depleting compounds. Sections I., II.C., II.D., III. IV., and V. of Regulation No. 15 shall be enforced as a matter of state law only.

18. Permit Expiration and Renewal

Regulation No. 3, 5 CCR 1001-5, Part C, §§III.B.6., IV.C., V.C.2.

- a. The permit term shall be five (5) years. The permit shall expire at the end of its term. Permit expiration terminates the permittee's right to operate unless a timely and complete renewal application is submitted.
- b. Applications for renewal shall be submitted at least twelve months, but not more than 18 months, prior to the expiration of the Operating Permit. An application for permit renewal may address only those portions of the permit that require revision, supplementing, or deletion, incorporating the remaining permit terms by reference from the previous permit. A copy of any materials incorporated by reference must be included with the application.

19. Portable Sources

Regulation No. 3, 5 CCR 1001-5, Part C, §II.D.

Portable Source permittees shall notify the Air Pollution Control Division at least 10 days in advance of each change in location.

20. Prompt Deviation Reporting

Regulation No. 3, 5 CCR 1001-5, Part C, §V.C.7.b.

The permittee shall promptly report any deviation from permit requirements, including those attributable to upset conditions as defined in the permit, the probable cause of such deviations, and any corrective actions or preventive measures taken. Unless required by a permit term or condition to report deviations on a more frequent basis, "prompt" reporting shall entail submission of reports of deviations from permit requirements every six (6) months in accordance with paragraph 21.d. below. "Prompt reporting" does not constitute an exception to the requirements of "Emergency Provisions" for the purpose of avoiding enforcement actions.

21. Record Keeping and Reporting Requirements

Regulation No. 3, 5 CCR 1001-5, Part A, §II.; Part C, §§V.C.6., V.C.7.

- a. Unless otherwise provided in the source specific conditions of this Operating Permit, the permittee shall maintain compliance monitoring records that include the following information:
 - date, place as defined in the Operating Permit, and time of sampling or measurements;
 - (ii) date(s) on which analyses were performed;
 - (iii) the company or entity that performed the analysis;
 - (iv) the analytical techniques or methods used;
 - (v) the results of such analysis; and
 - (vi) the operating conditions at the time of sampling or measurement.
- b. The permittee shall retain records of all required monitoring data and support information for a period of at least five (5) years from the date of the monitoring sample, measurement, report or application. Support information, for this purpose, includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the Operating Permit. With prior approval of the Air Pollution Control Division, the permittee may maintain any of the above records in a computerized form.
- c. Permittees must retain records of all required monitoring data and support information for the most recent twelve (12) month period, as well as compliance certifications for the past five (5) years on-site at all times. A permittee shall make available for the Air Pollution Control Division's review all other records of required monitoring data and support information required to be retained by the permittee upon 48 hours advance notice by the Division.
- d. The permittee shall submit to the Air Pollution Control Division all reports of any required monitoring at least every six (6) months, unless an applicable requirement, the enhanced monitoring rule, or the Division requires submission on a more frequent basis. All instances of deviations from any permit requirements must be clearly identified in such reports.
- The permittee shall file an Air Pollutant Emissions Notice ("APEN") prior to constructing, modifying, e. or altering any facility, process, activity which constitutes a stationary source from which air pollutants are or are to be emitted, unless such source is exempt from the APEN filing requirements of Regulation No. 3, Part A, §II.D. A revised APEN shall be filed annually whenever a significant change in emissions, as defined in Regulation No. 3, Part A, §II.C.2., occurs; whenever there is a change in owner or operator of any facility, process, or activity; whenever new control equipment is installed; whenever a different type of control equipment replaces an existing type of control equipment; whenever a permit limitation must be modified; or before the APEN expires. An APEN is valid for a period of five years. The five-year period recommences when a revised APEN is received by the Air Pollution Control Division. Revised APENs shall be submitted no later than 30 days before the five-year term expires. Permittees submitting revised APENs to inform the Division of a change in actual emission rates must do so by April 30 of the following year. Where a permit revision is required, the revised APEN must be filed along with a request for permit revision. APENs for changes in control equipment must be submitted before the change occurs. Annual fees are based on the most recent APEN on file with the Division.

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22. Reopenings for Cause

Regulation No. 3, 5 CCR 1001-5, Part C, §XIII.

- a. The Air Pollution Control Division shall reopen, revise, and reissue Operating Permits; permit reopenings and reissuance shall be processed using the procedures set forth in Regulation No. 3, Part C, §III., except that proceedings to reopen and reissue permits affect only those parts of the permit for which cause to reopen exists.
- b. The Division shall reopen a permit whenever additional applicable requirements become applicable to a major source with a remaining permit term of three or more years, unless the effective date of the requirements is later than the date on which the permit expires, or unless a general permit is obtained to address the new requirements; whenever additional requirements (including excess emissions requirements) become applicable to an affected source under the acid rain program; whenever the Division determines the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit; or whenever the Division determines that the permit must be revised or revoked to assure compliance with an applicable requirement.
- c. The Division shall provide 30 days' advance notice to the permittee of its intent to reopen the permit, except that a shorter notice may be provided in the case of an emergency.
- d. The permit shield shall extend to those parts of the permit that have been changed pursuant to the reopening and reissuance procedure.

23. Section 502(b)(10) Changes

Regulation No. 3, 5 CCR 1001-5, Part C, §XII.A.

The permittee shall provide a minimum 7-day advance notification to the Air Pollution Control Division and to the Environmental Protection Agency at the addresses listed in Appendix D of this Permit. The permittee shall attach a copy of each such notice given to its Operating Permit.

24. Severability Clause

Regulation No. 3, 5 CCR 1001-5, Part C, §V.C.10.

In the event of a challenge to any portion of the permit, all emissions limits, specific and general conditions, monitoring, record keeping and reporting requirements of the permit, except those being challenged, remain valid and enforceable.

25. Significant Permit Modifications

Regulation No. 3, 5 CCR 1001-5, Part C, §III.B.2.

The permittee shall not make a significant modification required to be reviewed under Regulation No. 3, Part B ("Construction Permit" requirements) without first receiving a construction permit. The permittee shall submit a complete Operating Permit application or application for an Operating Permit revision for any new or modified source within twelve months of commencing operation, to the address listed in Item 1 in Appendix D of this permit. If the permittee chooses to use the "Combined Construction/Operating Permit" application procedures of Regulation No. 3, Part C, then the Operating Permit must be received prior to commencing construction of the new or modified source.

26. Special Provisions Concerning the Acid Rain Program

Regulation No. 3, 5 CCR 1001-5, Part C, §§V.C.1.b. & 8

- a. Where an applicable requirement of the federal act is more stringent than an applicable requirement of regulations promulgated under Title IV of the federal act, 40 Code of Federal Regulations (CFR) Part 72, both provisions shall be incorporated into the permit and shall be federally enforceable.
- b. Emissions exceeding any allowances that the source lawfully holds under Title IV of the federal act or the regulations promulgated thereunder, 40 CFR Part 72, are expressly prohibited.

27. Transfer or Assignment of Ownership

Regulation No. 3, 5 CCR 1001-5, Part C, §II.C.

No transfer or assignment of ownership of the Operating Permit source will be effective unless the prospective owner or operator applies to the Air Pollution Control Division on Division-supplied Administrative Permit Amendment forms, for reissuance of the existing Operating Permit. No administrative permit shall be complete until a written agreement containing a specific date for transfer of permit, responsibility, coverage, and liability between the permittee and the prospective owner or operator has been submitted to the Division.

28. Volatile Organic Compounds

Regulation No. 7, 5 CCR 1001-9, §§III & V.

a. For sources located in an ozone non-attainment area or the Denver Metro Attainment Maintenance Area, all storage tank gauging devices, anti-rotation devices, accesses, seals, hatches, roof drainage systems, support structures, and pressure relief valves shall be maintained and operated to prevent detectable vapor loss except when opened, actuated, or used for necessary and proper activities (e.g. maintenance). Such opening, actuation, or use shall be limited so as to minimize vapor loss.

Detectable vapor loss shall be determined visually, by touch, by presence of odor, or using a portable hydrocarbon analyzer. When an analyzer is used, detectable vapor loss means a VOC concentration exceeding 10,000 ppm. Testing shall be conducted as in Regulation No. 7, Section VIII.C.3.

Except when otherwise provided by Regulation No. 7, all volatile organic compounds, excluding petroleum liquids, transferred to any tank, container, or vehicle compartment with a capacity exceeding 212 liters (56 gallons), shall be transferred using submerged or bottom filling equipment. For top loading, the fill tube shall reach within six inches of the bottom of the tank compartment. For bottom-fill operations, the inlet shall be flush with the tank bottom.

- b. The permittee shall not dispose of volatile organic compounds by evaporation or spillage unless Reasonably Available Control Technology (RACT) is utilized.
- c. No owner or operator of a bulk gasoline terminal, bulk gasoline plant, or gasoline dispensing facility shall permit gasoline to be intentionally spilled, discarded in sewers, stored in open containers, or disposed of in any other manner that would result in evaporation.

29. Wood Stoves and Wood burning Appliances

Regulation No. 4, 5 CCR 1001-6

The permittee shall comply with the provisions of Regulation No. 4 concerning the advertisement, sale, installation, and use of wood stoves and wood burning appliances.

SECTION V - Acid Rain

1. Designated Representative and Alternate Designated Representative

Designated Representative:

Name: Jerome A. Forte

Title: Chief Operating Officer

Phone: (719) 668-8009

Alternate Designated Representative:

Name: David Padgett

Title: Environmental Services Manager

Phone: (719) 688-8679

2. Sulfur Dioxide Emission Allowances and Nitrogen Oxide Emission Limitations

For NO_X, the source is not subject to the emission limitations in Section 2 until January 1, 2000. For SO₂, the source is not required to hold allowances to account for SO₂ emissions until the year 2000.

Unit 5	2000	2001	2002	2003	2004				
SO ₂ Allowances, per 40 CFR Part 73.10(b), Table 2	1141*	1141*	1141*	1141*	1141*				
NO _x Limits	Pursuant to 40 CFR 76.11, the Division approves a NOx emissions averaging plan for this unit, effective from calendar years 2000 through 2004. Under the plan, this unit's NOx emissions shall not exceed the annual average alternative contemporaneous limitation of 0.46 lbs/MMBtu. Under the plan, the actual Btu-weighted annual average NOx emission rate for the units in the plan shall be less than or equal to the Btu-weighted annual average NOx emission rate for the same units had they been operated, during the same period of time, in compliance with the applicable emission limitations under 40 CFR 76.5, 76.6 or 76.7, except that for any early election units, the applicable emission limitation shall be under 40 CFR 76.7. If the designated representative demonstrates that the requirement of the prior sentence (as set forth in 40 CFR 76.11(d)(1)(ii)(A)) is met for a year under the plan, then this unit shall be deemed to be in compliance for that year with its alternative contemporaneous annual emission limitation and annual heat input limit. In addition to the described NOx compliance plan, this unit shall comply with all other applicable requirements of 40 CFR Part 76, including the duty to reapply for a NOx compliance plan and requirements covering excess emissions.								

^{*} Under the provisions of §72.84(a) any allowance allocations to, transfers to and deductions from an affected unit's Allowance Tracking System account is considered an automatic permit amendment and as such no revision to the permit is necessary. Numerical allowances shown in this table are from the 1996 Edition of the CFR

Unit 6	2000	2001	2002	2003	2004
SO ₂ Allowances, per 40 CFR Part 73.10(b), Table 2	2013*	2013*	2013*	2013*	2013*

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Unit 6	2000	2001	2002	2003	2004
NO _x Limits	effective from cale not exceed the anni plan, the actual But than or equal to the been operated, du limitations under 4 emission limitation the requirement of under the plan, the contemporaneous NOx compliance p	endar years 2000 through average alternatively a-weighted annual average Btu-weighted annual average the Stu-weighted annual gring the same perion of the prior sentence (on this unit shall be dannual emission limit olan, this unit shall contact and average and shall shall contact and average a	on approves a NOx ough 2004. Under the contemporaneous laterage NOx emission unal average NOx emission of time, in complete for the design of	ne plan, this unit's N imitation of 0.46 lbs, rate for the units in the initial in the second of the second pliance with the appliance with the appliance with the appliance of the second any early election upon and early election upon at the second of th	Ox emissions shall MMBtu. Under the the plan shall be less ame units had they oplicable emission nits, the applicable edemonstrates that (i) is met for a year with its alternative ion to the described ents of 40 CFR Part

^{*} Under the provisions of §72.84(a) any allowance allocations to, transfers to and deductions from an affected unit's Allowance Tracking System account is considered an automatic permit amendment and as such no revision to the permit is necessary. Numerical allowances shown in this table are from the 1996 Edition of the CFR

Unit 7	2000	2001	2002	2003	2004
SO ₂ Allowances, per 40 CFR Part 73.10(b), Table 2	3193*	3193*	3193*	3193*	3193*
NO _x Limits	effective from cale not exceed the anni plan, the actual But than or equal to the been operated, du limitations under 4 emission limitation the requirement of under the plan, the contemporaneous NOx compliance p	endar years 2000 through average alternatival-weighted annual average Btu-weighted annual average Btu-weighted annuring the same perion of the prior sentence (on this unit shall be dannual emission limit ollan, this unit shall be defined annual emission limit shall contains the same annual emission limit shall emissi	on approves a NOx bugh 2004. Under the contemporaneous verage NOx emission and average NOx emod of time, in complete 76.7, except that for FR 76.7. If the designs set forth in 40 CI deemed to be in complation and annual head a NOx compliance provided the set of th	ne plan, this unit's N limitation of 0.46 lbs/ rate for the units in the insision rate for the sa upliance with the ap- any early election ung gnated representative FR 76.11(d)(1)(ii)(A pliance for that year t input limit. In additapplicable requirement	Ox emissions shall MMBtu. Under the he plan shall be less ame units had they oplicable emission nits, the applicable e demonstrates that (1) is met for a year with its alternative ion to the described ents of 40 CFR Part

^{*} Under the provisions of §72.84(a) any allowance allocations to, transfers to and deductions from an affected unit's Allowance Tracking System account is considered an automatic permit amendment and as such no revision to the permit is necessary. Numerical allowances shown in this table are from the 1996 Edition of the CFR

3. Standard Requirements

Units 5, 6, and 7 of this facility are subject to and the source has certified that they will comply with the following standard conditions.

Permit Requirements.

- (1) The designated representative of each affected source and each affected unit at the source shall:
 - (i) Submit a complete Acid Rain permit application (including a compliance plan) under 40 CFR part 72 in accordance with the deadlines specified in 40 CFR 72.30; and

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- (ii) Submit in a timely manner any supplemental information that the Colorado Air Pollution Control Division determines is necessary in order to review an Acid Rain permit application and issue or deny an Acid Rain permit;
- (2) The owners and operators of each affected source and each affected unit at the source shall:
 - (i) Operate the unit in compliance with a complete Acid Rain permit application or a superseding Acid Rain permit issued by the Division; and
 - (ii) Have an Acid Rain Permit.

Monitoring Requirements.

- (1) The owners and operators and, to the extent applicable, designated representative of each affected source and each affected unit at the source shall comply with the monitoring requirements as provided in 40 CFR parts 74, 75, and 76.
- (2) The emissions measurements recorded and reported in accordance with 40 CFR part 75 shall be used to determine compliance by the unit with the Acid Rain emissions limitations and emissions reduction requirements for sulfur dioxide and nitrogen oxides under the Acid Rain Program.
- (3) The requirements of 40 CFR parts 74 and 75 shall not affect the responsibility of the owners and operators to monitor emissions of other pollutants or other emissions characteristics at the unit under other applicable requirements of the Act and other provisions of the operating permit for the source.

Sulfur Dioxide Requirements.

- (1) The owners and operators of each source and each affected unit at the source shall:
 - (i) Hold allowances, as of the allowance transfer deadline, in the unit's compliance subaccount (after deductions under 40 CFR 73.34(c)) not less than the total annual emissions of sulfur dioxide for the previous calendar year from the unit; and
 - (ii) Comply with the applicable Acid Rain emissions limitations for sulfur dioxide.
- (2) Each ton of sulfur dioxide emitted in excess of the Acid Rain emissions limitations for sulfur dioxide shall constitute a separate violation of the Act.
- (3) An affected unit shall be subject to the requirements under paragraph (1) of the sulfur dioxide requirements as follows:
 - (i) Starting January 1, 2000, an affected unit under 40 CFR 72.6(a)(2); or
 - (ii) Starting on the later of January 1, 2000 or the deadline for monitor certification under 40 CFR part 75, an affected unit under 40 CFR 72.6(a)(3).
- (4) Allowances shall be held in, deducted from, or transferred among Allowance Tracking System accounts in accordance with the Acid Rain Program.

- (5) An allowance shall not be deducted in order to comply with the requirements under paragraph (1)(I) of the sulfur dioxide requirements prior to the calendar year for which the allowance was allocated.
- (6) An allowance allocated by the Administrator under the Acid Rain Program is a limited authorization to emit sulfur dioxide in accordance with the Acid Rain Program. No provision of the Acid Rain Program, the Acid Rain permit application, the Acid Rain permit, or the written exemption under 40 CFR 72.7 and 72.8 and no provision of law shall be construed to limit the authority of the United States to terminate or limit such authorization.
- (7) An allowance allocated by the Administrator under the Acid Rain Program does not constitute a property right.

Nitrogen Oxides Requirements.

The owners and operators of the source and each affected unit at the source shall comply with the applicable Acid Rain emissions limitation for nitrogen oxides.

Excess Emissions Requirements.

- (1) The designated representative of an affected unit that has excess emissions in any calendar year shall submit a proposed offset plan as required under 40 CFR part 77.
- (2) The owners and operators of an affected unit that has excess emissions in any calendar year shall:
 - (i) Pay without demand the penalty required, and pay upon demand the interest on that penalty, as required by 40 CFR part 77; and
 - (ii) Comply with the terms of an approved offset plan, as required by 40 CFR part 77.

Recordkeeping and Reporting Requirements.

- (1) Unless otherwise provided, the owners and operators of the source and each affected unit at the source shall keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time prior to the end of 5 years, in writing by the Administrator or the Division:
 - (i) The certificate of representation for the designated representative for the source and each affected unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation, in accordance with 40 CFR 72.24; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation changing the designated representative;
 - (ii) All emissions monitoring information, in accordance with 40 CFR part 75;

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- (iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the Acid Rain Program; and,
- (iv) Copies of all documents used to complete an Acid Rain permit application and any other submission under the Acid Rain Program or to demonstrate compliance with the requirements of the Acid Rain Program.
- (2) The designated representative of an affected source and each affected unit at the source shall submit the reports and compliance certifications required under the Acid Rain Program, including those under 40 CFR part 72 subpart I and 40 CFR part 75.

Liability.

- (1) Any person who knowingly violates any requirement or prohibition of the Acid Rain Program, a complete Acid Rain permit application, an Acid Rain permit, or a written exemption under 40 CFR 72.7 or 72.8, including any requirement for the payment of any penalty owed to the United States, shall be subject to enforcement pursuant to section 113(c) of the Act.
- (2) Any person who knowingly makes a false, material statement in any record, submission, or report under the Acid Rain Program shall be subject to criminal enforcement pursuant to section 113(c) of the Act and 18 U.S.C. 1001.
- (3) No permit revision shall excuse any violation of the requirements of the Acid Rain Program that occurs prior to the date that the revision takes effect.
- (4) Each affected source and each affected unit shall meet the requirements of the Acid Rain Program.
- (5) Any provision of the Acid Rain Program that applies to an affected source (including a provision applicable to the designated representative of an affected source) shall also apply to the owners and operators of such source and of the affected units at the source.
- (6) Any provision of the Acid Rain Program that applies to an affected unit (including a provision applicable to the designated representative of an affected unit) shall also apply to the owners and operators of such unit. Except as provided under 40 CFR 72.44 (Phase II repowering extension plans) and 40 CFR 76.11 (NOx averaging plans), and except with regard to the requirements applicable to units with a common stack under 40 CFR part 75 (including 40 CFR 75.16, 75.17, and 75.18), the owners and operators and the designated representative of one affected unit shall not be liable for any violation by any other affected unit of which they are not owners or operators or the designated representative and that is located at a source of which they are not owners or operators or the designated representative.
- (7) Each violation of a provision of 40 CFR parts 72, 73, 74, 75, 76, 77, and 78 by an affected source or affected unit, or by an owner or operator or designated representative of such source or unit, shall be a separate violation of the Act.

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Effect on Other Authorities.

No provision of the Acid Rain Program, an Acid Rain permit application, an Acid Rain permit, or a written exemption under 40 CFR 72.7 or 72.8 shall be construed as:

- (1) Except as expressly provided in title IV of the Act, exempting or excluding the owners and operators and, to the extent applicable, the designated representative of an affected source or affected unit from compliance with any other provision of the Act, including the provisions of title I of the Act relating to applicable National Ambient Air Quality Standards or State Implementation Plans;
- (2) Limiting the number of allowances a unit can hold; provided, that the number of allowances held by the unit shall not affect the source's obligation to comply with any other provisions of the Act;
- (3) Requiring a change of any kind in any State law regulating electric utility rates and charges, affecting any State law regarding such State regulation, or limiting such State regulation, including any prudence review requirements under such State law;
- (4) Modifying the Federal Power Act or affecting the authority of the Federal Energy Regulatory Commission under the Federal Power Act; or,
- (5) Interfering with or impairing any program for competitive bidding for power supply in a State in which such program is established.

4. Reporting Requirements

Reports shall be submitted to the addresses identified in Appendix D.

Pursuant to 40 CFR Part 75.64 quarterly reports and compliance certification requirements will be submitted to the Administrator within 30 days of the completion of the calendar quarter. The contents of these reports shall meet the requirements of 40 CFR 75.64

Pursuant to 40 CFR Part 72.90 (as adopted by reference in Colorado Air Quality Control Commission Regulation 18) annual reports and compliance certifications shall be submitted to the Administrator within 60 days of the completion of the calendar year. The contents of these reports shall meet the requirements of 40 CFR 72.90. A copy of the compliance certification shall also be submitted to the Division.

Pursuant to 40 CFR Part 75.65 excess emissions of opacity shall be reported to the Division. These reports shall be submitted in a format approved by the Division.

Revisions to this permit shall be made in accordance with 40 CFR Part 72, Subpart H, §§ 72.80 through 72.85 (as adopted by reference in Colorado Regulation 18). Permit modification requests shall be submitted to the Division at the address identified in Appendix D.

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SECTION VI - Common Provisions (Ver 2-8-02)

Common Provisions Regulation, 5 CCR 1001-2 §§ II.A., II.B., II.C., II., E., II.F., II.I., and II.J

a. To Control Emissions Leaving Colorado

When emissions generated from sources in Colorado cross the State boundary line, such emissions shall not cause the air quality standards of the receiving State to be exceeded, provided reciprocal action is taken by the receiving State.

b. Emission Monitoring Requirements

The Division may require owners or operators of stationary air pollution sources to install, maintain, and use instrumentation to monitor and record emission data as a basis for periodic reports to the Division.

c. Performance Testing

The owner or operator of any air pollution source shall, upon request of the Division, conduct performance test(s) and furnish the Division a written report of the results of such test(s) in order to determine compliance with applicable emission control regulations. Performance test(s) shall be conducted and the data reduced in accordance with the applicable reference test methods unless the Division:

- (i) specifies or approves, in specific cases, the use of a test method with minor changes in methodology;
- (ii) approves the use of an equivalent method;
- (iii) approves the use of an alternative method the results of which the Division has determined to be adequate for indicating where a specific source is in compliance; or
- (iv) waives the requirement for performance test(s) because the owner or operator of a source has demonstrated by other means to the Division's satisfaction that the affected facility is in compliance with the standard. Nothing in this paragraph shall be construed to abrogate the Commission's or Division's authority to require testing under the Colorado Revised Statutes, Title 25, Article 7 1973, and pursuant to regulations promulgated by the Commission.

Compliance test(s) shall be conducted under such conditions as the Division shall specify to the plant operator based on representative performance of the affected facility. The owner or operator shall make available to the Division such records as may be necessary to determine the conditions of the performance test(s). Operations during period of startup, shutdown, and malfunction shall not constitute representative conditions of performance test(s) unless otherwise specified in the applicable standard.

The owner or operator of an affected facility shall provide the Division thirty days prior notice of the performance test to afford the Division the opportunity to have an observer present. The Division may waive the thirty day notice requirement provided that arrangements satisfactory to the Division are made for earlier testing.

The owner or operator of an affected facility shall provide, or cause to be provided, performance testing facilities as follows:

- (i) Sampling ports adequate for test methods applicable to such facility,
- (ii) Safe sampling platform(s),
- (iii) Safe access to sampling platform(s).
- (iv) Utilities for sampling and testing equipment.

Each performance test shall consist of at least three separate runs using the applicable test method. Each run shall be conducted for the time and under the conditions specified in the applicable standard. For the purpose of determining compliance with an applicable standard the arithmetic mean of results of at least three runs shall apply. In the event that a sample is accidentally lost or conditions occur in which one of the runs must be discontinued because of forced shutdown, failure of an irreplaceable portion of the sample train, extreme meteorological conditions, or other circumstances beyond the owner or operator's control, compliance may, upon the Division's approval, be determined using the arithmetic mean of the results of the two other runs.

Nothing in this section shall abrogate the Division's authority to conduct its own performance test(s) if so warranted.

d. Upset Conditions and Breakdowns

Upset conditions, as defined, shall not be deemed to be in violation of the Colorado regulations, provided that the Division is notified as soon as possible, but no later than two (2) hours after the start of the next working day, followed by a written notice to the Division explaining the cause of the occurrence and that proper action has been or is being taken to correct the conditions causing the violation and to prevent such excess emission in the future.

e. Circumvention Clause

A person shall not build, erect, install, or use any article, machine, equipment, condition, or any contrivance, the use of which, without resulting in a reduction in the total release of air pollutants to the atmosphere, reduces or conceals an emission which would otherwise constitute a violation of this regulation. No person shall circumvent this regulation by using more openings than is considered normal practice by the industry or activity in question.

f. Compliance Certifications

For the purpose of submitting compliance certifications or establishing whether or not a person has violated or is in violation of any standard in the Colorado State Implementation Plan, nothing in the Colorado State Implementation Plan shall preclude the use, including the exclusive use, of any credible evidence or information, relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed. Evidence that has the effect of making any relevant standard or permit term more stringent shall not be credible for proving a violation of the standard or permit term.

g. Affirmative Defense Provision for Excess Emissions During Startup and Shutdown

An affirmative defense is provided to owners and operators for civil penalty actions for excess emissions during periods of startup and shutdown. To establish the affirmative defense and to be relieved of a civil penalty in any action to enforce an applicable requirement, the owner or operator of the facility must meet the notification requirements below in a timely manner and prove by a preponderance of the evidence that:

- (i) The periods of excess emissions that occurred during startup and shutdown were short and infrequent and could not have been prevented through careful planning and design;
- (ii) The excess emissions were not part of a recurring pattern indicative of inadequate design, operation or maintenance;
- (iii) If the excess emissions were caused by a bypass (an intentional diversion of control equipment), then the bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;
- (iv) The frequency and duration of operation in startup and shutdown periods were minimized to the maximum extent practicable;
- (v) All possible steps were taken to minimize the impact of excess emissions on ambient air quality;
- (vi) All emissions monitoring systems were kept in operation (if at all possible);
- (vii) The owner or operator's actions during the period of excess emissions were documented by properly signed, contemporaneous operating logs or other relevant evidence; and,
- (viii) At all times, the facility was operated in a manner consistent with good practices for minimizing emissions. This subparagraph is intended solely to be a factor in determining whether an affirmative defense is available to an owner or operator, and shall not constitute an additional applicable requirement.

The owner or operator of the facility experiencing excess emissions during startup and shutdown shall notify the Division verbally as soon as possible, but no later than two (2) hours after the start of the next working day, and shall submit written quarterly notification following the initial occurrence of the excess emissions. The notification shall address the criteria set forth above.

The Affirmative Defense Provision contained in this section shall not be available to claims for injunctive relief.

The Affirmative Defense Provision does not apply to State Implementation Plan provisions or other requirements that derive from new source performance standards (NSPS) or national emissions standards for hazardous air pollutants (NESHAPS), any other federally enforceable performance standard or emission limit with an averaging time greater than twenty-four hours. In addition, an affirmative defense cannot be used by a single source or small group of sources where the excess emissions have the potential to cause an exceedance of the ambient air quality standards or Prevention of Significant Deterioration (PSD) increments.

In making any determination whether a source established an affirmative defense, the Division shall consider the information within the notification required above and any other information the Division deems necessary, which may include, but is not limited to, physical inspection of the facility and review of documentation pertaining to the maintenance and operation of process and air pollution control equipment

END OF PERMIT REQUIREMENTS

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OPERATING PERMIT APPENDICES

- A INSPECTION INFORMATION
- **B REPORTING REQUIREMENTS AND DEFINITIONS**
- **C COMPLIANCE CERTIFICATION REPORT FORMAT**
- **D-NOTIFICATION ADDRESSES**
- **E PERMIT ACRONYMS**
- F PERMIT MODIFICATIONS
- G COAL SAMPLING PLAN

*DISCLAIMER:

None of the information found in these Appendices shall be considered to be State or Federally enforceable, except as otherwise provided in the permit, and is presented to assist the source, permitting authority, inspectors, and citizens.

APPENDIX A Inspection Information

Directions to Plant:

Take Exit 141 from I-25. This is the exit to Manitou Springs (Highway #24). Go East on Cimarron Street across the creek and railroad tracks along North side of plant. At stop light, turn right (South) on South Sierra Madre, and go 3 blocks to Los Animas. At Los Animas, turn right (West) and cross railroad tracks. Turn right (North) on Conejos Street to visitor parking lot in front of building.

Safety Equipment Required:

Eye Protection Hard Hat Hearing Protection

Facility Plot Plan:

The following page shows the plot plan as submitted on December 20, 1995, with the source's Title V Operating Permit Application.

List of Insignificant Activities:

The following list of insignificant activities was provided by the source to assist in the understanding of the facility layout. Since there is no requirement to update such a list, activities may have changed since the last filing.

Insignificant activities and/or sources of emissions as submitted in the application are as follows:

Unit ID	Stack ID	Description	Unit ID	Stack ID	Description
T101	S101	Oil Spill Reservior, 7500 gallons	T112	S112	Unit 5 Turbine Lube Oil System, 2605 gallons, includes vapor extractor vent, oil storage tank vent, seal oil vacuum pump vent, and seal oil tank vent
T102	S102	Liquid Sulfur Dioxide Storage Tank, 15,000 gallons	T113	S113	Unit 6 Turbine Lube Oil System, 2605 gallons, includes vapor extractor vent, seal oil tank vent and seal oil separator tank vent
T103	S103	Sulfuric Acid Storage Tank, 15,000 gallons	T114	S114	Unit 7 Turbine Lube Oil System, 2575 gallons, includes vapor extractor vent, seal oil tank vent, and seal oil separator tank vent

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Unit ID	Stack ID	Description	Unit ID	Stack ID	Description
T016	S106	Emergency Generator Diesel Fuel Oil Storage Tank, 100 gallons	Unit 5, 6, and 7	\$203, \$205, \$207, \$209, \$210	Natural gas igniter vents
T108		Pressure storage tank for CO ₂ .	T017	S107	PCL 716 Storage Tank
B101	S101	Zero Discharge Building Furnace	B100	S100	Office Heating Systems, Two 0.082 MMBtu/Hr and one 0.028 MMBtu/Hr furnaces
E301	S301	Emergency Diesel Generator	T115		2,000 gallon fuel oil storage tank

In addition to the above specific insignificant activities the following generic activities are identified:

An in-house analytical laboratory equipment which is bench scale in nature for analysis of coal and water samples at the plant;

Chemical storage tanks or containers that hold less than 500 gallons, and which have a daily throughput less than 25 gallons;

Landscaping and site housekeeping devices equal to or less than 10 H.P. in size (lawnmowers, trimmers, snowblowers, etc.);

Chemical storage areas where chemicals are stored in closed containers, and where total storage capacity does not exceed 5000 gallons. This exemption applies solely to storage of such chemicals. This exemption does not apply to transfer of chemicals from, to, or between such containers.

Storage tanks of capacity < 40,000 gallons of lubricating oils;

Storage tanks meeting all of the following criteria:

- (i) annual throughput is less than 400,00 gallons; and
- (ii) the liquid is one of the following:
 - (A) diesel fuels 1-D, 2-D or 4-D;
 - (B) fuel oils #1 through #6;
 - (C) gas turbine fuels 1-GT through 4-GT;
 - (D) an oil/water mixture with a vapor pressure lower than that of diesel fuel (Reid vapor pressure of 0.025 PSIA).

Each individual piece of fuel burning equipment which uses gaseous fuel, and which has a design rate less than or equal to 10 million Btu per hour, and which is solely for heating buildings for personal comfort. Stationary Internal Combustion Engines which:

- (i) power portable drilling rigs; or
- (ii) are emergency power generators which have a rated hoursepower of less than 260; or operate no more than 250 hours per year and have a rated housepower of less than 737; or operate no more than 100 hours per year and have a rated horsepower of less than 1840; or
- (iii) have actual emissions less than five tons per year or rated horsepower of less than 50.

Air pollution emission units, operations or activities with emissions less than the appropriate de minimis reporting level.

APPENDIX B Monitoring and Permit Deviation Reporting

with no codes ver 2/1/01

Reporting Requirements and Definitions

Please note that, pursuant to 113(c)(2) of the federal Clean Air Act, any person who knowingly:

- (A) makes any false material statement, representation, or certification in, or omits material information from, or knowingly alters, conceals, or fails to file or maintain any notice, application, record, report, plan, or other document required pursuant to the Act to be either filed or maintained (whether with respect to the requirements imposed by the Administrator or by a State);
- (B) fails to notify or report as required under the Act; or
- (C) falsifies, tampers with, renders inaccurate, or fails to install any monitoring device or method required to be maintained or followed under the Act shall, upon conviction, be punished by a fine pursuant to title 18 of the United States Code, or by imprisonment for not more than 2 years, or both. If a conviction of any person under this paragraph is for a violation committed after a first conviction of such person under this paragraph, the maximum punishment shall be doubled with respect to both the fine and imprisonment.

The permittee must comply with all conditions of this operating permit. Any permit noncompliance constitutes a violation of the Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.

The Part 70 Operating Permit program requires three types of reports to be filed for all permits. All required reports must be certified by a responsible official.

Report #1: Monitoring Deviation Report (due at least every six months)

For purposes of this operating permit, the Division is requiring that the monitoring reports are due every six months unless otherwise noted in the permit. All instances of deviations from permit monitoring requirements must be clearly identified in such reports.

For purposes of this operating permit, monitoring means any condition determined by observation, by data from any monitoring protocol, or by any other monitoring which is required by the permit as well as the record keeping associated with that monitoring. This would include, for example, fuel use or process rate monitoring, fuel analyses, and operational or control device parameter monitoring.

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Report #2: Permit Deviation Report (must be reported "promptly")

In addition to the monitoring requirements set forth in the permits as discussed above, each and every requirement of the permit is subject to deviation reporting. The reports must address deviations from permit requirements, including those attributable to upset conditions and malfunctions as defined in this Appendix, the probable cause of such deviations, and any corrective actions or preventive measures taken. All deviations from any term or condition of the permit are required to be summarized or referenced in the annual compliance certification.

For purposes of this operating permit, "upset" shall refer to both emergency conditions and upsets. Additional discussion on these conditions is provided later in this Appendix.

For purposes of this operating permit, the Division is requiring that the permit deviation reports are due every six months unless otherwise noted in the permit. Where the underlying applicable requirement contains a definition of prompt or otherwise specifies a time frame for reporting deviations, that definition or time frame shall govern. For example, quarterly Excess Emission Reports required by an NSPS or Regulation No. 1, Section IV.

In addition to the monitoring deviations discussed above, included in the meaning of deviation for the purposes of this operating permit are any of the following:

- A situation where emissions exceed an emission limitation or standard contained in the (1) permit;
- (2) A situation where process or control device parameter values demonstrate that an emission limitation or standard contained in the permit has not been met;
- (3) A situation in which observations or data collected demonstrates noncompliance with an emission limitation or standard or any work practice or operating condition required by the permit; or,
- (4) A situation in which an excursion or exceedance as defined in 40CFR Part 64 (the Compliance Assurance Monitoring (CAM) Rule) has occurred. (only if the emission point is subject to CAM)

For reporting purposes, the Division has combined the Monitoring Deviation Report with the Permit Deviation Report.

Report #3: Compliance Certification (annually, as defined in the permit)

Submission of compliance certifications with terms and conditions in the permit, including emission limitations, standards, or work practices, is required not less than annually.

Compliance Certifications are intended to state the compliance status of each requirement of the permit over the certification period. They must be based, at a minimum, on the testing and

Operating Permit Number: 95OPEP107 Issued: November 1, 2002 monitoring methods specified in the permit that were conducted during the relevant time period. In addition, if the owner or operator knows of other material information (i.e. information beyond required monitoring that has been specifically assessed in relation to how the information potentially affects compliance status), that information must be identified and addressed in the compliance certification. The compliance certification must include the following:

- The identification of each term or condition of the permit that is the basis of the certification;
- The identification of the method(s) or other means used by the owner or operator for determining the compliance status with each permit term and condition during the certification period and whether such methods or other means provide continuous or intermittent data. Such methods and other means shall include, at a minimum, the methods and means required in the permit. If necessary, the owner or operator also shall identify any other material information that must be included in the certification to comply with section 113(c)(2) of the Federal Clean Air Act, which prohibits knowingly making a false certification or omitting material information;
- The status of compliance with the terms and conditions of the permit, and whether compliance was continuous or intermittent. The certification shall identify each deviation and take it into account in the compliance certification. Note that not all deviations are considered violations.¹
- Such other facts as the Division may require, consistent with the applicable requirements to which the source is subject, to determine the compliance status of the source.

The Certification shall also identify as possible exceptions to compliance any periods during which compliance is required and in which an excursion or exceedance as defined under 40CFR Part 64 (the Compliance Assurance Monitoring (CAM) Rule) has occurred. (only for emission points subject to CAM)

Note the requirement that the certification shall identify each deviation and take it into account in the compliance certification. Previously submitted deviation reports, including the deviation report submitted at the time of the annual certification, may be referenced in the compliance certification.

1 For example, given the various emissions limitations and monitoring requirements to which a source may be subject, a deviation from one requirement may not be a deviation under another requirement which recognizes an exception and/or special circumstances relating to that same event. Further, periods of excess emissions during startup, shutdown and malfunction may not be found to be a violation of an emission limitation or standard where the source adequately shows that any potential deviations as a result of these infrequent periods were minimized to the extent practicable and could not have been prevented through careful planning, design, or were unavoidable to prevent loss of life, personal injury, or severe property damage.

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Startup, Shutdown, Malfunctions, Emergencies, and Upsets

Understanding the application of Startup, Shutdown, Malfunctions, Emergency provisions, and the Upset provisions is very important in both the deviation reports and the annual compliance certifications.

Startup, Shutdown, and Malfunctions

Please note that exceedances of some New Source Performance Standards (NSPS) and Maximum Achievable Control Technology (MACT) standards that occur during Startup, Shutdown or Malfunctions may not be considered to be non-compliance since emission limits or standards often do not apply unless specifically stated in the NSPS. Such exceedances must, however, be reported as excess emissions per the NSPS/MACT rules and would still be noted in the deviation report. In regard to compliance certifications, the permittee should be confident of the information related to those deviations when making compliance determinations since they are subject to Division review. The concepts of Startup, Shutdown and Malfunctions also exist for Best Available Control Technology (BACT) sources, but are not applied in the same fashion as for NSPS and MACT sources.

Emergencies and Upsets

Under the Emergency provisions of Part 70 and the Upset provisions of the State regulations, certain operational conditions may act as an affirmative defense against enforcement action if they are properly reported.

DEFINITIONS

Malfunction (NSPS) means any sudden, infrequent, and not reasonably preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner. Failures that are caused in part by poor maintenance or careless operation are not malfunctions.

Malfunction (SIP) means any sudden and unavoidable failure of air pollution control equipment or process equipment or unintended failure of a process to operate in a normal or usual manner. Failures that are primarily caused by poor maintenance, careless operation, or any other preventable upset condition or preventable equipment breakdown shall not be considered malfunctions.

Emergency means any situation arising from sudden and reasonably unforeseeable events beyond the control of the source, including acts of God, which situation requires immediate corrective action to restore normal operation, and that causes the source to exceed a technology-based emission limitation under the permit, due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.

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Upset means an unpredictable failure of air pollution control or process equipment which results in the violation of emission control regulations and which is not due to poor maintenance, improper or careless operations, or is otherwise preventable through exercise of reasonable care.

Monitoring and Permit Deviation Report - Part I

- 1. Following is the **required** format for the Monitoring and Permit Deviation report to be submitted to the Division on a semi-annual basis unless otherwise noted in the permit. The Table below must be completed for all equipment or processes for which specific Operating Permit terms exist.
- 2. Part II of this Appendix B shows the format and information the Division will require for describing periods of monitoring and permit deviations, or upset or emergency conditions as indicated in the Table below. One Part II Form must be completed for each Deviation. Previously submitted reports (e.g. EER=s or Upsets) may be referenced and the form need not be filled out in its entirety.

FACILITY NAME:	Colorado Springs Utilities – Martin Drake Power Plant
OPERATING PERMIT NO:	95OPEP107
REPORTING PERIOD:	(see first page of the permit for specific reporting period and dates)

Operating Permit Unit		Deviations noted During Period? ¹		Deviation Code ²	Upset/Emergency Condition Reported During Period?	
ID	Unit Description	YES	NO		YES	NO
S005	Riley Pulverized Coal Front Fired Dry Bottom SN 3405 firing natural gas					
S006	Babcock and Wilcox Pulverized Coal Front Fired Dry Bottom SN 10191 firing natural gas and coal					
S007	Babcock and Wilcox Pulverized Coal Front Fired Dry Bottom SN 23463 firing natural gas and coal					
S201a	Coal crusher					
S201b	Coal Bunker Bagfilter vent					
S201c	Rail Car Unloading Hopper					
S201d	Coal loadout to pile					
S201e	Coal Reclaim					
S210f	Coal Stockpile					
S201g	No. 2 Belt (transfer from crusher to #2 belt & crusher to gallery)					
S201i	Drag chain reclaim (discharge to blending conveyor)					
S201j	Blending conveyor (discharge to reclaim belt)					
	Temporary Coal Processing/Handling System					
S202a	Flyash Silo Baghouse Vent					
S202b	Unit 5 Blower					

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Operating Permit Unit		Deviations noted During Period? ¹		Deviation Code ²		ncy Condition ring Period?
ID	Unit Description	YES	NO		YES	NO
S202c	Unit 6 Blower					
S202d	Unit 7 Blower					
S202e	Backup Blower					
S202f	Silo Discharge (Unloading)					
P206	Unit 5 Cooling Tower					
P208	Unit 6 Cooling Tower					
P211	Unit 7 Cooling Tower					
General Conditions						
Insignificant Activities						

¹ See previous discussion regarding what is considered to be a deviation. Determination of whether or not a deviation has occurred shall be based on a reasonable inquiry using readily available information.

Monitoring and Permit Deviation Report - Part II

FACILITY NAME: [Company Name OPERATING PERMIT NO: [Permit # REPORTING PERIOD:	e] - [Facility Name]		
Is the deviation being claimed as an:	Emergency	_ Upset	N/A
(For NSPS/MACT) Did the deviation occur du	ring: Startup Malfunction	_ Shu _ Normal O	ntdown peration
OPERATING PERMIT UNIT IDENTIFICAT	ION:		
Operating Permit Condition Number Citation			
Explanation of Period of Deviation			
Duration (start/stop date & time)			
Action Taken to Correct the Problem			
Measures Taken to Prevent a Reoccurrence of	the Problem		
Dates of Upsets/Emergencies Reported (if app	<u>licable)</u>		
Deviation Code	Division Code	e QA:	

SEE EXAMPLE ON THE NEXT PAGE

FACILITY NAME:

EXAMPLE

Acme Corp.

OPERATING PERMIT NO: 96OPZZXXX REPORTING PERIOD: 1/1/96 - 6/30/96
Is the deviation being claimed as an: Emergency Upset XX N/A
(For NSPS/MACT) Did the deviation occur during: Startup Shutdown Malfunction Normal Operation
OPERATING PERMIT UNIT IDENTIFICATION:
Asphalt Plant with a Scrubber for Particulate Control - Unit XXX
Operating Permit Condition Number Citation
Section II, Condition 3.1 - Opacity Limitation
Explanation of Period of Deviation
Slurry Line Feed Plugged
<u>Duration</u>
START- 1730 4/10/96 END- 1800 4/10/96
Action Taken to Correct the Problem
Line Blown Out
Measures Taken to Prevent Reoccurrence of the Problem
Replaced Line Filter
Dates of Upsets/Emergencies Reported (if applicable)
4/10/96 to S. Busch, APCD
Deviation Code QA:

Monitoring and Permit Deviation Report - Part III

REPORT CERTIFICATION

SOURCE NAME:	Colorado Springs Utilities – Martin Drake Power Plant
FACILITY IDENTIFICATION N	JMBER: 0410004
PERMIT NUMBER:	95OPEP107
REPORTING PERIOD	(see first page of the permit for specific reporting period and dates)
	ii-Annual Deviation Reports must be certified by a responsiblulation No. 3, Part A, Section I.B.54. This signed certification de documents being submitted.
STATEMENT OF COMPLETE	NESS
	eing submitted in its entirety and, based on information and uiry, I certify that the statements and information contained te and complete.
Section 18-1-501(6), C.R.S., m	utes state that any person who knowingly, as defined in Subakes any false material statement, representation, ouilty of a misdemeanor and may be punished in accordance 25-7 122.1, C.R.S.
Printed or Typed Na	me Title
Timed of Typed No	ine Title
Signature of Responsib	· ·
Note: Deviation reports shall be submitt copies need be sent to the U.S. EPA.	ed to the Division at the address given in Appendix D of this permit. N

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Lost Poviced: April 12, 2004

APPENDIX C Required Format for Annual Compliance Certification Reports

Following is the format for the Compliance Certification report to be submitted to the Division and the U.S. EPA annually based on the effective date of the permit. The Table below must be completed for all equipment or processes for which specific Operating Permit terms exist.

FACILITY NAME: OPERATING PERMIT NO: REPORTING PERIOD:	Colorado Springs Utilities – Martin Drake Power Plant 95OPEP107
I. Facility Status	
	tood, this source was in compliance with ALL terms and conditions contained in the which is identified and included by this reference. The method(s) used to determine ecified in the Permit.
terms and conditions contained in reference, during the entire reportin	the deviations identified in the table below, this source was in compliance with all the Permit, each term and condition of which is identified and included by this g period. The method used to determine compliance for each term and condition is unless otherwise indicated and described in the deviation report(s). Note that not all s.

Operating Permit Unit ID	Unit Description	Deviations Reported ¹		Monitoring Method per Permit? ²		Was compliance continuous or intermittent? ³		Was Data Continuous? ⁴	
ID		Previous	Current	Yes	No	Continuous	Intermittent	Yes	No
S005	Riley Pulverized Coal Front Fired Dry Bottom SN 3405 firing natural gas								
S006	Babcock and Wilcox Pulverized Coal Front Fired Dry Bottom SN 10191 firing natural gas and coal								
S007	Babcock and Wilcox Pulverized Coal Front Fired Dry Bottom SN 23463 firing natural gas and coal								
S201a	Coal crusher								
S201b	Coal Bunker Bagfilter vent								
S201c	Rail Car Unloading Hopper								
S201d	Coal loadout to pile								

Operating Permit Unit Unit Description		Deviations Reported ¹		Monitoring Method per Permit? ²		Was compliance continuous or intermittent? ³		Was Data Continuous? ⁴	
ID		Previous	Current	Yes	No	Continuous	Intermittent	Yes	No
S201e	Coal Reclaim								
S210f	Coal Stockpile								
S201g	No. 2 Belt (transfer from crusher to #2 belt & crusher to gallery)								
S201i	Drag chain reclaim (discharge to blending conveyor)								
S201j	Blending conveyor (discharge to reclaim belt)								
	Temporary Coal Processing/Handling System								
S202a	Flyash Silo Baghouse Vent								
S202b	Unit 5 Blower								
S202c	Unit 6 Blower								
S202d	Unit 7 Blower								
S202e	Backup Blower								
S202f	Silo Discharge (Unloading)								
P206	Unit 5 Cooling Tower								
P208	Unit 6 Cooling Tower								
P211	Unit 7 Cooling Tower								
General Conditions ⁵									
Insignificant Activities ⁵									

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NOTE:

The Periodic Monitoring requirements of the Operating Permit program rule are intended to provide assurance that even in the absence of a continuous system of monitoring the Title V source can demonstrate whether it has operated in continuous compliance for the duration of the reporting period. Therefore, if a source 1) conducts all of the monitoring and record keeping required in its permit, even if such activities are done periodically and not continuously, and if 2) such monitoring and record keeping does not indicate non-compliance, and if 3) the Responsible Official is not aware of any credible evidence that indicates non-compliance, then the Responsible Official can certify that the emission point(s) in question were in continuous compliance during the applicable time period.

II.	Statu	s for Accidental Release Prevention Program:
	A.	This facility is subject is not subject to the provisions of the Accidental Release Prevention Program (Section 112(r) of the Federal Clean Air Act)
В.		If subject: The facility is is not in compliance with all the requirements of section 112(r).
		1. A Risk Management Plan will be has been submitted to the appropriate authority and/or the designated central location by the required date.

¹ If deviations were noted in the previous deviation report (i.e. for the first six months of the annual reporting period), put an "X" under "previous". If deviations were noted in the current deviation report (i.e. for the last six months of the annual reporting period), put an "X" under "current". Mark both columns if both apply.

² Note whether the method(s) used to determine the compliance status with each term and condition was the method(s) specified in the permit. If it was not, mark "no" and attach additional information/explanation.

³ Note whether the compliance status with of each term and condition provided was continuous or intermittent. "Intermittent Compliance" can mean either that noncompliance has occurred or that the owner or operator has data sufficient to certify compliance only on an intermittent basis. Certification of intermittent compliance therefore does not necessarily mean that any noncompliance has occurred.

⁴ Note whether the method(s) used to determine the compliance status with each term and condition provided continuous or intermittent data.

⁵ Compliance status for these sources shall be based on a reasonable inquiry using readily available information.

III. Certification

I have reviewed this certification in its entirety and, based on information and belief formed after reasonable inquiry, I certify that the statements and information contained in this certification are true, accurate and complete.

Please note that the Colorado Statutes state that any person who knowingly, as defined in §18-1-501(6), C.R.S., makes any false material statement, representation, or certification in this document is guilty of a misdemeanor and may be punished in accordance with the provisions of §25-7 122.1, C.R.S.

	Printed or Typed Name	Title				
NOTE AN	Signature	Date Signed				

NOTE: All compliance certifications shall be submitted to the Air Pollution Control Division and to the Environmental Protection Agency at the addresses listed in Appendix D of this Permit.

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APPENDIX D Notification Addresses

1. **Air Pollution Control Division**

Colorado Department of Public Health and Environment Air Pollution Control Division Operating Permits Unit APCD-SS-B1 4300 Cherry Creek Drive S. Denver, CO 80246-1530

ATTN: Jim King

2. United States Environmental Protection Agency

Compliance Notifications:

Office of Enforcement, Compliance and Environmental Justice Mail Code 8ENF-T U.S. Environmental Protection Agency, Region VIII 999 18th Street, Suite 300 Denver, CO 80202-2466

Permit Modifications, Off Permit Changes:

Office of Pollution Prevention, State and Tribal Programs Air Program, 8P2-A U.S. Environmental Protection Agency, Region VIII 999 18th Street, Suite 300 Denver, CO 80202-2466

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APPENDIX E Permit Acronyms

Listed Alphabetically:

AIRS -	Aerometric Information Retrieval System
AP-42 -	EPA Document Compiling Air Pollutant Emission Factors
APEN -	Air Pollution Emission Notice (State of Colorado)
APCD -	Air Pollution Control Division (State of Colorado)
ASTM -	American Society for Testing and Materials
BACT -	Best Available Control Technology
BTU -	British Thermal Unit
CAA -	Clean Air Act (CAAA = Clean Air Act Amendments)
CCR -	Colorado Code of Regulations
CEM -	Continuous Emissions Monitor
CF -	Cubic Feet (SCF = Standard Cubic Feet)
CFR -	Code of Federal Regulations
CO -	Carbon Monoxide
COM -	Continuous Opacity Monitor
CRS -	Colorado Revised Statute
EF -	Emission Factor
EPA -	Environmental Protection Agency
FI -	Fuel Input Rate in Lbs/mmBtu
FR -	Federal Register

G - Grams Gal - Gallon

GPM - Gallons per Minute HAPs - Hazardous Air Pollutants

HP - Horsepower

HP-HR - Horsepower Hour (G/HP-HR = Grams per Horsepower Hour)

LAER - Lowest Achievable Emission Rate

LBS - Pounds M - Thousand MM - Million

MMscf - Million Standard Cubic Feet

MMscfd - Million Standard Cubic Feet per Day

N/A or NA - Not Applicable NOx - Nitrogen Oxides

NESHAP - National Emission Standards for Hazardous Air Pollutants

NSPS - New Source Performance Standards
P - Process Weight Rate in Tons/Hr

PE - Particulate Emissions PM - Particulate Matter

PM₁₀ - Particulate Matter Under 10 Microns

PSD -	Prevention of Significant Deterioration
PTE -	Potential To Emit
RACT -	Reasonably Available Control Technology
SCC -	Source Classification Code
SCF -	Standard Cubic Feet
SIC -	Standard Industrial Classification
SO_2 -	Sulfur Dioxide
TPY -	Tons Per Year
TSP -	Total Suspended Particulate
VOC -	Volatile Organic Compounds

APPENDIX F Permit Modifications

DATE OF REVISION	TYPE OF REVISION	SECTION NUMBER, CONDITION NUMBER	DESCRIPTION OF REVISION
April 13, 2004	Administrative Modification	Information page: Monitoring and Compliance dates	Fix an error with the dates so that the annual and semi-annual dates coincide with each other and the quarterly EER.

APPENDIX G Coal Sampling Plan

The Division approved coal sampling plan follows this heading.

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APPENDIX H Title IV Permit Application

A copy of the Title IV Phase II Permit application follows this page.